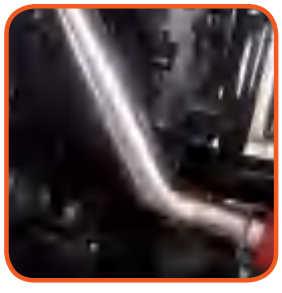
Excalibur

Power Solutions



50Hz Single Phase YTO Series Diesel Genset Specifications							
Model		SDG8KS	SDG10KS	SDG12KS	SDG16KS	SDG20KS	SDG25KS
Reference Model(Open type)		SDG8K/50/1/F/C	SDG10K/50/1/F/C	SDG12K/50/1/F/C	SDG16K/50/1/F/C	SDG20K/50/1/F/C	SDG25K/50/1/F/C
Reference Model(Silent type)		SDG8KS/50/1/F/C	SDG10KS/50/1/F/C	SDG12KS/50/1/F/C	SDG16KS/50/1/F/C	SDG20KS/50/1/F/C	SDG25KS/50/1/F/C
Prime Power	KVA	8	10	12	16	20	25
	KW	8	10	12	16	20	25
Standby Power	KVA	8.8	11	13.2	17.6	22	27.5
	KW	8.8	11	13.2	17.6	22	27.5
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230
Rate Current	A	34.8	43.5	52.2	69.6	87	108.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	12	12	12	12	12	12
Battery Capacity	AH	45	45	45	45	45	80
Coolant Capacity	L	5.8	6	6	10.2	10.2	10.2
Base Fueltank Capacity	L	42	77.5	77.5	77.5	93	93
Fuel Consumption	L/Hours	3.5	4.5	5	6.3	7.8	9.5
Running Time	Hours	12	17	16	12	12	10
Sound @ 7 meter	Db	68	70	70	70	70	71
Open Type product size	L*W*H(mm)	1150×780×910	1560×900×980	1560×900×980	1560×900×980	1810×950×1020	1810×950×1020
Open Type Weight net	KG	365	480	490	505	650	690
Canopy Type product size	L*W*H(mm)	1680×760×1050	1800×800×1140	1900×800×1140	1900×800×1140	1960×800×1140	2200×1000×1320
Canopy Type Weight net	KG	580	665	730	760	820	1000
Engine Specifications							
Engine model		YD380D	YD480D	YND485D	YSD490D	Y495D	Y4102D
Prime power	KW	11	14	17	21	27	32
Structure		3 cylinder inline	4 cylinder inline	4 cylinder inline	4	4	4
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	3.5	4.5	5	6.3	7.8	9.5
Lubricant consumption	L/Hour	0.0175	0.0225	0.025	0.0315	0.039	0.0475
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water
Lubricant capacity	L	3.5	5	6	6	7.5	7.5
Air intake flow	m^3/min	1.6	2	2	2.3	1.72	2.1
Exhaust gas flow	m^3/min	4.5	5.8	6	6.5	1.71	2.2
Exhaust gas temperature	℃	400	400	400	400	400	400
Exhaust gas back pressure	Kpa	5	5	5	5	5	5
Compression ratio		18	18	18	17.5	17.5	18
Aspiration		Natural	Natural	Natural	Natural	Natural	Natural
Bore	mm	80	80	85	90	95	102
Stroke	mm	90	90	95	100	100	105
Displacement	L	1.36	1.8	2.2	2.5	3.3	3.8
SAE		4/7.5	4/7.5	4/7.5	4/7.5	3/10.0	3/11.5
Dimension	L*W*H(mm)	608×490×578	687×494×627	692×492×675	734×530×682	892×618×718	892×622×730
Net weight	KG	155	195	205	230	300	320
Alternator Specification							
Model(FARRAND)		164C	164D	184ES	184E	184F	184H
Prime power	KVA	9	11	13	16	20	25
Structure		1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.071AS440	0.071AS440	0.071AS440	0.095AS440	0.095AS440	0.095AS440
AVR Model		AS460	AS460	AS460	AS460	AS460	AS460

YTO Series 50HZ 1Phase 8~64KVA

50Hz Single Phase YTO Series Diesel Genset Specifications							
Model		SDG25KS	SDG38KS	SDG45KS	SDG45KS	SDG50KS	SDG64KS
Reference Model(Open type)		SDG25K/50/1/F/C	SDG30K/50/1/F/C	SDG40K/50/1/F/C	SDG45K/50/1/F/C	SDG50K/50/1/F/C	SDG64K/50/1/F/C
Reference Model(Silent type)		SDG25KS/50/1/F/C	SDG30KS/50/1/F/C	SDG40KS/50/1/F/C	SDG45KS/50/1/F/C	SDG50KS/50/1/F/C	SDG64KS/50/1/F/C
Prime Power	KVA	25	30	40	45	50	64
	KW	25	30	40	45	50	64
Standby Power	KVA	27.5	33	44	49.5	55	70
	KW	27.5	33	44	49.5	55	70
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230
Rate Current	A	108.7	130.4	174	195.7	217.4	278.3
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	12	12	12	12	12	12
Battery Capacity	AH	80	80	80	80	80	80
Coolant Capacity	L	10.2	10.2	13	13	13	20
Base Fueltank Capacity	L	93	93	180	180	180	220
Fuel Consumption	L/Hours	9.5	10.8	14.2	16.1	17.6	19.6
Running Time	Hours	10	9	12	11	10	11
Sound @ 7 meter	Db	71	71	72	72	72	72
Open Type product size	L*W*H(mm)	1810×950×1020	1810×950×1020	1955×950×1360	1955×950×1360	1955×950×1360	2395×1000×1410
Open Type Weight net	KG	690	770	945	995	1035	1140
Canopy Type product size	L*W*H(mm)	2200×1000×1320	2200×1000×1320	2360×1000×1500	2360×1000×1500	2360×1000×1500	2460×1000×1500
Canopy Type Weight net	KG	1000	1045	1200	1250	1290	1530
Engine Specifications							
Engine model		Y4102D	Y4105D	Y4102ZLD	Y4105ZLD	Y4EZLD	Y4110ZLD
Prime power	KW	32	38	48	55	63	80
Structure		4	4	4	4	4	4
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	9.5	10.8	16.1	16.1	16.1	19.6
Lubricant consumption	L/Hour	0.0475	0.054	0.0805	0.0805	0.0805	0.098
Governer		Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water
Lubricant capacity	L	7.5	8.3	11	11	11	11
Air intake flow	m^3/min	2.1	2.4	6.3	6.3	6.3	6.8
Exhaust gas flow	m^3/min	2.2	2.5	16	16	16	18.5
Exhaust gas temperature	℃	400	450	480	480	480	485
Exhaust gas back pressure	Kpa	5	5	9	9	9	10
Compression ratio		18	18	17	17	17	17
Aspiration		Natural	Natural	Turbochargeringintercooled			
Bore	mm	102	105	102	105	105	110
Stroke	mm	105	105	105	105	105	125
Displacement	L	3.8	4.1	4.2	4.4	4.4	4.75
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5
Dimension	L*W*H(mm)	892×622×730	900×650×750	900×650×870	900×650×870	900×650×870	960×670×910
Net weight	KG	320	350	420	420	420	560
Alternator Specification							
Model(FARRAND)		184H	184J	224E	224F	224F	274C
Prime power	KVA	25	30	40	50	50	66
Structure		1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.095AS440	0.095AS440	0.216AS440	0.216AS440	0.216AS440	0.216AS440
AVR Model		AS460	AS460	AS460	AS460	AS460	AS440

50Hz Three Phase YTO Series Diesel Genset Specifications								
Model		SDG10K/KS	SDG13K/KS	SDG15K/KS	SDG20K/KS	SDG25K/KS	SDG31K/KS	SDG38K/KS
Reference Model(Open type)		SDG10K/50/3/F/C	SDG13K/50/3/F/C	SDG15K/50/3/F/C	SDG20K/50/3/F/C	SDG25K/50/3/F/C	SDG31K/50/3/F/C	SDG38K/50/3/F/C
Reference Model(Silent type)		SDG10KS/50/3/F/C	SDG13KS/50/3/F/C	SDG15KS/50/3/F/C	SDG20KS/50/3/F/C	SDG25KS/50/3/F/C	SDG31KS/50/3/F/C	SDG38KS/50/3/F/C
Prime Power	KVA	10	13.0	15	20	25	31.0	38
	KW	8	10	12	16	20	25	30
Standby Power	KVA	11	13.8	16.5	22	27.5	34.4	41
	KW	8.8	11	13.2	17.6	22	27.5	33
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	A	14.4	18.0	21.7	28.9	36.1	45.2	57.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	12	12	12	12	12	12	12
Battery Capacity	AH	30	55	55	55	55	55	55
Coolant Capacity	L	5.8	6	6	10.2	10.2	10.2	10.2
Base Fueltank Capacity	L	42	77.5	77.5	77.5	93	93	93
Fuel Consumption	L/Hours	3.5	4.5	5	6.3	7.8	9.5	10.8
Running Time	Hours	12	17	16	12	12	10	9
Sound @ 7 meter	Db	68	70	70	70	70	71	71
Open Type product size	L*W*H(mm)	1150×780×910	1560×900×980	1560×900×980	1560×900×980	1810×950×1020	1810×950×1020	1810×950×1020
Open Type Weight net	KG	365	480	490	505	650	690	770
Canopy Type product size	L*W*H(mm)	1680×760×1050	1800×800×1140	1900×800×1140	1900×800×1140	2200×950×1250	2200×1000×1320	2200×1000×1320
Canopy Type Weight net	KG	580	665	760	786	870	1000	1045
Engine Specifications								
		YD380D	YD480D	YND485D	YSD490D	Y495D	Y4102D	Y4105D
Prime power	KW	11	14	17	21	27	32	38
Structure		3	4	4	4	4	4	4
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	3.5	4.5	5	6.3	7.8	9.5	10.8
Lubricant consumption	L/Hour	0.0175	0.0225	0.025	0.0315	0.039	0.0475	0.054
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	3.5	5	6	6	7.5	7.5	8.3
Air intake flow	m^3/min	1.6	2	2	2.3	1.72	2.1	2.4
Exhaust gas flow	m^3/min	4.5	5.8	6	6.5	1.71	2.2	2.5
Exhaust gas temperature	℃	400	400	400	400	400	400	400
Exhaust gas back pressure	Kpa	5	5	5	5	5	5	5
Compression ratio		18	18	18	17.5	17.5	18	18
Aspiration		Natural	Natural	Natural	Natural	Natural	Natural	Natural
Bore	mm	80	80	85	90	95	102	105
Stroke	mm	90	90	95	100	100	105	105
Displacement	L	1.36	1.8	2.2	2.5	3.3	3.8	4.1
SAE		4/7.5	4/7.5	4/7.5	4/7.5	3/10.0	3/11.5	3/11.5
Dimension	L*W*H(mm)	608×490×578	687×494×627	692×492×675	734×530×682	892×618×718	892×622×730	900×650×750
Net weight	KG	155	195	205	230	300	320	350
Alternator Specification								
Model(FARRAND)		164B	164C	184ES	184E	184F	184G	184J
Prime power	KVA	11	14	18	22	28	31	43
Structure		1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.071	0.071	0.071	0.095	0.095	0.095	0.095
AVR Model		AS460	AS460	AS460	AS460	AS460	AS460	AS460

YTO Series 50HZ 3Phase 10~228KVA

50Hz Three Phase YTO Series Diesel Genset Specifications									
Model		SDG50K/KS	SDG56K/KS	SDG63K/KS	SDG80K/KS	SDG109KS	SDG145KS	SDG181KS	SDG228K/KS
Reference Model(Open type)		SDG50K/50/3/F/C	SDG56K/50/3/F/C	SDG63K/50/3/F/C	SDG80K/50/3/F/C	SDG109K/50/3/F/C	SDG145K/50/3/F/C	SDG181K/50/3/F/C	SDG228K/50/3/F/C
Reference Model(Silent type)		SDG50KS/50/3/F/C	SDG56KS/50/3/F/C	SDG63KS/50/3/F/C	SDG80KS/50/3/F/C	SDG109KS/50/3/F/C	SDG145KS/50/3/F/C	SDG181KS/50/3/F/C	SDG228KS/50/3/F/C
Prime Power	KVA	50	56	63	80	109	145	181	228
	KW	40	45	50	64	87	116	146	182
Standby Power	KVA	55	61.6	70	88	120	160	200	250
	KW	44	49.5	55	70	96	128	160.2	200
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	A	86.6	86.6	86.6	118.4	157.3	209.3	262.7	327.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	12	12	12	24	24	24	24	24
Battery Capacity	AH	55	55	55	110	160	160	240	240
Coolant Capacity	L	13	13	13	13	27.7	27.7	37.2	37.2
Base Fueltank Capacity	L	180	180	180.0	220	375	375	505	505
Fuel Consumption	L/Hours	14.2	16.1	17.6	19.6	31.8	37.1	50.6	56.3
Running Time	Hours	12	11	10	11	12	10	10	9
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	1955×950×1360	1955×950×1360	1955×950×1360	2395×1000×1410	2550×1150×1560	2550×1150×1560	2900×1300×1600	2900×1300×1600
Open Type Weight net	KG	945	995	1035	1140	1455	1570	2000	2150
Canopy Type product size	L*W*H(mm)	2360×1000×1420	2360×1000×1420	2360×1000×1420	2460×1000×1500	3000×1100×1700	3300×1100×1700	3800×1500×2020	3800×1500×2020
Canopy Type Weight net	KG	1200	1250	1290	1530	2020	2135	2650	2800
Engine Specifications									
		Y4102ZLD	Y4105ZLD	Y4EZLD	Y4110ZLD	LR6A3L-DA	LR6M3L-DA	YM6H4L-DA	YM6S4L-DA
Prime power	KW	48	55	63	80	113	132	180	220
Structure		4	4	4	4	6	6	6	6
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	16.1	16.1	16.1	19.6	31.8	37.1	50.6	56.3
Lubricant consumption	L/Hour	0.0805	0.0805	0.0805	0.098	0.159	0.1855	0.253	0.2815
Governer		Mechanical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	11	11	11	11	11	16.1	24	24
Air intake flow	m^3/min	6.3	6.3	6.316	6.8	9.8	10.4	14.5	14.5
Exhaust gas flow	m^3/min	16	16		18.5	26.7	28.7	40	40
Exhaust gas temperature	℃	480	480		480	480	450	450	450
Exhaust gas back pressure	Kpa	9	9		9	10	6	6	6
Compression ratio		17	17	17	17	17	17	16.5	16.5
Aspiration		Turbochargeringintercooled							
Bore	mm	102	105	105	110	105	108	120	126
Stroke	mm	105	105	105	125	125	125	130	130
Displacement	L	4.2	4.4	4.5	4.75	6.49	7.127	9.73	9.73
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	1/14.0	1/14.0
Dimension	L*W*H(mm)	900×650×870	900×650×870	900×650×8705	875×590×870	1691×858×1777	1691×858×1700	1927×950×1345	1927×950×1345
Net weight	KG	420	420	420	560	650	650	720	720
Alternator Specification									
Model(FARRAND)		224D	224E	224E	224G	274D	274EL	274H	274J
Prime power	KVA	50	60	60	85	114	150	200	225
Structure		1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.216	0.216	0.216	0.216	0.514	0.514	0.514	0.514
AVR Model		AS460	AS460	AS460	AS460	AS440	AS440	AS440	AS440

50Hz Single Phase Cummins Series Diesel Genset Specifications											
Model		SDG10DC/ DCS	SDG12DC /DCS	SDG16DC /DCS	SDG20DC /DCS	SDG20DC /DCS	SDG32DC /DCS	SDG32DC /DCS	SDG40DC /DCS	SDG48DC /DCS	SDG64DC /DCS
Reference Model (Open type)		SDG10DC /50/1/F/C	SDG12DCS /50/1/F/C	SDG16DCS /50/1/F/C	SDG20DCS /50/1/F/C	SDG20DCS /50/1/F/C	SDG32DCS /50/1/F/C	SDG32DCS /50/1/F/C	SDG40DCS /50/1/F/C	SDG48DCS /50/1/F/C	SDG64DCS /50/1/F/C
Reference Model (Silent type)		SDG10DCS /50/1/F/C	SDG12DCS /50/1/F/C	SDG16DCS /50/1/F/C	SDG20DCS /50/1/F/C	SDG20DCS /50/1/F/C	SDG32DCS /50/1/F/C	SDG32DCS /50/1/F/C	SDG40DCS /50/1/F/C	SDG48DCS /50/1/F/C	SDG64DCS /50/1/F/C
Reference Model (Open type)		SDG10DC /50/1/S/C	SDG12DCS /50/1/S/C	SDG16DCS /50/1/S/C	SDG20DCS /50/1/S/C	SDG20DCS /50/1/S/C	SDG32DCS /50/1/S/C	SDG32DCS /50/1/S/C	SDG40DCS /50/1/S/C	SDG48DCS /50/1/S/C	SDG64DCS /50/1/S/C
Reference Model (Silent type)		SDG10DCS /50/1/S/C	SDG12DCS /50/1/S/C	SDG16DCS /50/1/S/C	SDG20DCS /50/1/S/C	SDG20DCS /50/1/S/C	SDG32DCS /50/1/S/C	SDG32DCS /50/1/S/C	SDG40DCS /50/1/S/C	SDG48DCS /50/1/S/C	SDG64DCS /50/1/S/C
Prime Power	KVA	10	12	16	20	20	32	32	40	48	64
	KW	10	12	16	20	20	32	32	40	48	64
Standby Power	KVA	11	13	18	22	22	35	35	44	53	70
	KW	11	13	18	22	22	35	35	44	53	70
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230	230	230	230	230
Rate Current	A	43.5	52.2	69.6	87.0	87.0	139.1	139.1	173.9	208.7	278.3
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110	110	110	110
Coolant Capacity	L	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	32.9
Base Fueltank Capacity	L	180	180	180	180	180	180	180	180	180	245
Fuel Consumption	L/Hours	6.4	6.4	6.4	6.4	6.4	9.3	9.3	9.3	9.3	22
Running Time	Hours	28	28	28	28	28	19	19	19	19	11
Sound @ 7 meter	Db	70	70	70	70	70	70	70	71	71	72
Open Type product size	L*W*H(mm)	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	2350×1000×1480
Open Type Weight net	KG	840	840	840	840	840	860	860	860	860	1300
Canopy Type product size	L*W*H(mm)	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	3400×1000×1700
Canopy Type Weight net	KG	1320	1320	1320	1320	1320	1340	1340	1340	1340	1820
Engine Specifications											
Engine Model		4B3.9-G1	4B3.9-G1	4B3.9-G1	4B3.9-G1	4B3.9-G2	4BT3.9-G1	4BT3.9-G2	4BTA3.9-G2	4BTA3.9-G2	6BT5.9-G1
Prime power	KW	24	24	24	24	24	36	36	50	50	92
Structure		4 Cylinders,inline									6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	6.4	6.4	6.4	6.4	6.4	9.3	9.3	9.3	9.3	22
Lubricant consumption	L/Hour	0.032	0.032	0.032	0.032	0.032	0.0465	0.0465	0.0465	0.0465	0.11
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	16.4
Air intake flow	m3/min	1.96	1.96	1.96	1.96	1.96	2.6	2.6	2.6	2.6	6
Exhaust gas flow	m /min3	4.05	4.05	4.05	4.05	4.05	6	6	6	6	15
Exhaust gas temperature	OC	550	550	550	550	550	550	550	550	550	591
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10	10	10	10
Compression ratio		16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.5
Aspiration		Natural	Natural	Natural	Natural	Natural	Turbochargering				
Bore	mm	102	102	102	102	102	102	102	102	102	102
Stroke	mm	120	120	120	120	120	120	120	120	120	120
Displacement	L	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.9
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5
Dimension	L*W*H(mm)	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	996×711×992
Net weight	KG	308	308	308	308	308	308	308	308	308	399
Alternator Specification											
Model (STAMFORD)		PI044F	PI044G	PI144D	PI144E	PI144F	PI144J	PI144J	UCI224	UCI224E	UCI224F
Prime power	KVA	10	12	16	20	22	32	32	D40	48	58
Model(FARRAND)		164C	164D	184ES	184E	184F	184J	184J	224D	224E	224G
Prime power	KVA	10.8	12.8	16	20	22	30	30	40	48	58
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.216	0.216	0.216
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440

CUMMINS Series 50HZ 1Phase 13~1523KVA

50Hz Single Phase Cummins Series Diesel Genset Specifications											
Model		SDG64DC /DCS	SDG67DC /DCS	SDG67DC /DCS	SDG80DC /DCS	SDG80DC /DCS	SDG91DC /DCS	SDG106DC/ DCS	SDG127DC/ DCS	SDG146DC /DCS	SDG160DC/ DCS
Reference Model (Open type)		SDG64DCS /50/1/F/C	SDG67DCS /50/1/F/C	SDG67DCS /50/1/F/C	SDG80DCS /50/1/F/C	SDG80DCS /50/1/F/C	SDG91DCS /50/1/F/C	SDG106DCS /50/1/F/C	SDG127DCS /50/1/F/C	SDG146DCS /50/1/F/C	SDG160DCS /50/1/F/C
Reference Model (Silent type)		SDG64DCS /50/1/F/C	SDG67DCS /50/1/F/C	SDG67DCS /50/1/F/C	SDG80DCS /50/1/F/C	SDG80DCS /50/1/F/C	SDG91DCS /50/1/F/C	SDG106DCS /50/1/F/C	SDG127DCS /50/1/F/C	SDG146DCS /50/1/F/C	SDG160DCS /50/1/F/C
Reference Model (Open type)		SDG64DCS /50/1/S/C	SDG67DCS /50/1/S/C	SDG67DCS /50/1/S/C	SDG80DCS 50/1/S/C	SDG80DCS /50/1/S/C	SDG91DCS /50/1/S/C	SDG106DCS /50/1/S/C	SDG127DCS /50/1/S/C	SDG146DCS /50/1/S/C	SDG160DCS /50/1/S/C
Reference Model (Silent type)		SDG64DCS /50/1/S/C	SDG67DCS /50/1/S/C	SDG67DCS /50/1/S/C	SDG80DCS /50/1/S/C	SDG80DCS /50/1/S/C	SDG91DCS /50/1/S/C	SDG106DCS /50/1/S/C	SDG127DCS /50/1/S/C	SDG146DCS /50/1/S/C	SDG160DCS /50/1/S/C
Prime Power	KVA	64	67	67	80	80	91	106	127	146	160
	KW	64	67	67	80	80	91	106	127	146	160
Standby Power	KVA	70	74	74	88	88	100	116	140	160	176
	KW	70	74	74	88	88	100	116	140	160	176
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230	230	230	230	230
Rate Current	A	278.3	291.3	291.3	347.8	347.8	395.7	460.9	552.2	634.8	695.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	II-NT MRS 10	II-NT MRS 10	II-NT MRS 10
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110	160	160	160
Coolant Capacity	L	32.9	32.9	32.9	32.9	32.9	34.4	34.4	41.3	41.3	41.3
Base Fueltank Capacity	L	245	245	245	245	245	245	245	375	375	375
Fuel Consumption	L/Hours	22	22	22	22	22	22	30	40	40	51.4
Running Time	Hours	11	11	11	11	11	11	8	9	9	7
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480	2395×1000×1442	2550×1150×1560	2550×1150×1560	2550×1150×1560
Open Type Weight net	KG	1300	1300	1300	1300	1300	1450	1550	1820	1820	1860
Canopy Type product size	L*W*H(mm)	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700	3650×1150×1920	3650×1150×1920	3650×1150×1920
Canopy Type Weight net	KG	1820	1820	1820	1820	1820	1970	2080	2450	2450	2480
Engine Specifications											
Engine Model		6BT5.9-G2	6BT5.9-G1	6BT5.9-G2	6BT5.9-G1	6BT5.9-G2	6BTA5.9-G2	6BTAA5.9-G2	6CTA8.3-G2	6CTA8.3-G2	6CTAA8.3-G2
Prime power	KW	92	92	92	92	92	110	120	163	163	183
Structure		6 Cylinders,inline									
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	22	22	22	22	22	22	30	40	40	51.4
Lubricant consumption	L/Hour	0.11	0.11	0.11	0.11	0.11	0.11	0.15	0.2	0.2	0.257
Governer		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	16.4	16.4	16.4	16.4	16.4	16.4	16.4	23.8	23.8	23.8
Air intake flow	m3/min	6	6	6	6	6	8	8	11	11	11
Exhaust gas flow	m /min3	15	15	15	15	15	17	17	31	31	31
Exhaust gas temperature	OC	591	591	591	591	591	591	591	591	591	591
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10	10	10	10
Compression ratio		17.5	17.5	17.5	17.5	17.5	17.5	16	17	17	17.1
Aspiration		Turbochargering									
Bore	mm	102	102	102	102	102	102	102	114	114	114
Stroke	mm	120	120	120	120	120	120	120	135	135	135
Displacement	L	5.9	5.9	5.9	5.9	5.9	5.9	5.9	8.3	8.3	8.3
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	2/11.5	2/11.5	2/11.5
Dimension	L*W*H(mm)	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992	1128×740×1084	1128×740×1084	1128×740×1084
Net weight	KG	399	399	399	399	399	399	399	587	587	587
Alternator Specification											
Model (STAMFORD)		UCI224F	UCI224G	UCI224G	UCI274C	UCI274C	UCI274D	UCI274E	UCI274F	UCI274G	UCI274H
Prime power	KVA	58	68	68	80	80	96	112	145.6	145.6	160
Model(FARRAND)		224G	224G	224G	274C	274C	274D	DG274E	274F	274H	274H
Prime power	KVA	58	68	68	80	80	100	112	128	160	160
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.216	0.216	0.216	0.514	0.514	0.514	0.514	0.514	0.514	0.514
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440

50Hz Three Phase Cummins Series Diesel Genset Specifications								
Model		SDG13DC /DCS	SDG15DC /DCS	SDG20DC /DCS	SDG25DC /DCS	SDG25DC /DCS	SDG40DC /DCS	SDG40DC /DCS
Reference Model (Open type)		SDG13DC /50/3/F/C	SDG15DC /50/3/F/C	SDG20DC /50/3/F/C	SDG25DC /50/3/F/C	SDG25DC /50/3/F/C	SDG40DC /50/3/F/C	SDG40DC /50/3/F/C
Reference Model (Silent type)		SDG13DCS /50/3/F/C	SDG15DCS /50/3/F/C	SDG20DCS /50/3/F/C	SDG25DCS /50/3/F/C	SDG25DCS /50/3/F/C	SDG40DCS /50/3/F/C	SDG40DCS /50/3/F/C
Reference Model (Open type)		SDG13DC /50/3/S/C	SDG15DC /50/3/S/C	SDG20DC /50/3/S/C	SDG25DC /50/3/S/C	SDG25DC /50/3/S/C	SDG40DC /50/3/S/C	SDG40DC /50/3/S/C
Reference Model (Silent type)		SDG13DCS /50/3/S/C	SDG15DCS /50/3/S/C	SDG20DCS /50/3/S/C	SDG25DCS /50/3/S/C	SDG25DCS /50/3/S/C	SDG40DCS /50/3/S/C	SDG40DCS /50/3/S/C
Prime Power	KVA	13	15	20	25	25	40	40
	KW	10	12	16	20	20	32	32
Standby Power	KVA	14	16	23	28	28	44	44
	KW	11	13	18	22	22	35	35
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	A	18.8	21.7	28.9	36.1	36.1	57.7	57.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110
Coolant Capacity	L	19.2	19.2	19.2	19.2	19.2	19.2	19.2
Base Fueltank Capacity	L	180	180	180	180	180	180	180
Fuel Consumption	L/Hours	6.4	6.4	6.4	6.4	6.4	9.3	9.3
Running Time	Hours	28	28	28	28	28	19	19
Sound @ 7 meter	Db	70	70	70	70	70	70	70
Open Type product size	L*W*H(mm)	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331
Open Type Weight net	KG	840	840	840	840	840	860	860
Canopy Type product size	L*W*H(mm)	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500
Canopy Type Weight net	KG	1320	1320	1320	1320	1320	1340	1340
Engine Specifications								
Engine Model		4B3.9-G1	4B3.9-G1	4B3.9-G1	4B3.9-G1	4B3.9-G2	4BT3.9-G1	4BT3.9-G2
Prime power	KW	24	24	24	24	24	36	36
Structure		4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	6.4	6.4	6.4	6.4	6.4	9.3	9.3
Lubricant consumption	L/Hour	0.032	0.032	0.032	0.032	0.032	0.0465	0.0465
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	10.9	10.9	10.9	10.9	10.9	10.9	10.9
Air intake flow	m^3/min	1.96	1.96	1.96	1.96	1.96	2.6	2.6
Exhaust gas flow	m /min^3	4.05	4.05	4.05	4.05	4.05	6	6
Exhaust gas temperature	OC	550	550	550	550	550	550	550
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10
Compression ratio		16.5	16.5	16.5	16.5	16.5	16.5	16.5
Aspiration		Natural	Natural	Natural	Natural	Natural	Turbochargering	Turbochargering
Bore	mm	102	102	102	102	102	102	102
Stroke	mm	120	120	120	120	120	120	120
Displacement	L	3.9	3.9	3.9	3.9	3.9	3.9	3.9
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5
Dimension	L*W*H(mm)	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908	765×582×908
Net weight	KG	308	308	308	308	308	308	308
Alternator Specification								
Model (STAMFORD)		S0L1-L	S0L1-P	S0L2-G	S0L2-M	S0L2-M	S1L2-K	S1L2-K
Prime power	KW	10	12	16	20	20	32	32
Model(FARRAND)		164C	164D	184ES	184E	184E	184J	184J
Prime power	KW	10.8	12.8	16	20	20	30	30
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.095	0.095	0.095	0.095	0.095	0.095	0.095
AVR Model		AS460	AS460	AS460	AS460	AS460	AS460	AS460

CUMMINS Series 50HZ 3Phase 25~1523KVA

50Hz Three Phase Cummins Series Diesel Genset Specifications								
Model		SDG50DC /DCS	SDG60DC /DCS	SDG80DC /DCS	SDG80DC /DCS	SDG83.75DC /DCS	SDG83.75DC /DCS	SDG100DC /DCS
Reference Model (Open type)		SDG50DC /50/3/F/C	SDG60DC /50/3/F/C	SDG80DC /50/3/F/C	SDG80DC /50/3/F/C	SDG83.75DC /50/3/F/C	SDG83.75DC /50/3/F/C	SDG100DC /50/3/F/C
Reference Model (Silent type)		SDG50DCS /50/3/F/C	SDG60DCS /50/3/F/C	SDG80DCS /50/3/F/C	SDG80DCS /50/3/F/C	SDG83.75DCS /50/3/F/C	SDG83.75DCS /50/3/F/C	SDG100DCS /50/3/F/C
Reference Model (Open type)		SDG50DC /50/3/S/C	SDG60DC /50/3/S/C	SDG80DC /50/3/S/C	SDG80DC /50/3/S/C	SDG83.75DC /50/3/S/C	SDG83.75DC /50/3/S/C	SDG100DC /50/3/S/C
Reference Model (Silent type)		SDG50DCS /50/3/S/C	SDG60DCS /50/3/S/C	SDG80DCS /50/3/S/C	SDG80DCS /50/3/S/C	SDG83.75DCS /50/3/S/C	SDG83.75DCS /50/3/S/C	SDG100DCS /50/3/S/C
Prime Power	KVA	50	60	80	80	84	84	100
	KW	40	48	64	64	67	67	80
Standby Power	KVA	55	66	88	88	93	93	110
	KW	44	53	70	70	74	74	88
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	A	72.2	86.6	115.5	115.5	121.2	121.2	144.3
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110
Coolant Capacity	L	19.2	19.2	32.9	32.9	32.9	32.9	32.9
Base Fueltank Capacity	L	180	180	245	245	245	245	245
Fuel Consumption	L/Hours	9.3	9.3	22	22	22	22	22
Running Time	Hours	19	19	11	11	11	11	11
Sound @ 7 meter	Db	71	71	72	72	72	72	72
Open Type product size	L*W*H(mm)	1850×900×1331	1850×900×1331	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480
Open Type Weight net	KG	860	860	1300	1300	1300	1300	1300
Canopy Type product size	L*W*H(mm)	2500×950×1500	2500×950×1500	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700
Canopy Type Weight net	KG	1340	1340	1820	1820	1820	1820	1820
Engine Specifications								
Engine Model		4BTA3.9-G2	4BTA3.9-G2	6BT5.9-G1	6BT5.9-G2	6BT5.9-G1	6BT5.9-G2	6BT5.9-G1
Prime power	KW	50	50	92	92	92	92	92
Structure		4 Cylinders,inline	4 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	9.3	9.3	22	22	22	22	22
Lubricant consumption	L/Hour	0.0465	0.0465	0.11	0.11	0.11	0.11	0.11
Governer		Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	10.9	10.9	16.4	16.4	16.4	16.4	16.4
Air intake flow	m^3/min	2.6	2.6	6	6	6	6	6
Exhaust gas flow	m /min^3	6	6	15	15	15	15	15
Exhaust gas temperature	OC	550	550	591	591	591	591	591
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10
Compression ratio		16.5	16.5	17.5	17.5	17.5	17.5	17.5
Aspiration		Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering
Bore	mm	102	102	102	102	102	102	102
Stroke	mm	120	120	120	120	120	120	120
Displacement	L	3.9	3.9	5.9	5.9	5.9	5.9	5.9
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5
Dimension	L*W*H(mm)	765×582×908	765×582×908	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992
Net weight	KG	308	308	399	399	399	399	399
Alternator Specification								
Model (STAMFORD)		S1L2-R	S1L2-Y	UCI224F	UCI224F	UCI224G	UCI224G	UCI274C
Prime power	KW	40	50	58	58	68	68	80
Model(FARRAND)		224D	224E	224G	224G	224G	224G	274C
Prime power	KW	40	48	58	58	68	68	80
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.216	0.216	0.216	0.216	0.514	0.514	0.514
AVR Model		AS460	AS460	AS460	AS460	AS460	AS460	AS440

50Hz Three Phase Cummins Series Diesel Genset Specifications								
Model		SDG100DC /DCS	SDG115DC /DCS	SDG133DC /DCS	SDG150DC /DCS	SDG183DC /DCS	SDG200DC /DCS	SDG228DC /DCS
Reference Model (Open type)		SDG100DC /50/3/F/C	SDG115DC /50/3/F/C	SDG133DC /50/3/F/C	SDG150DC /50/3/F/C	SDG183DC /50/3/F/C	SDG200DC /50/3/F/C	SDG228DC /50/3/F/C
Reference Model (Silent type)		SDG100DCS /50/3/F/C	SDG115DCS /50/3/F/C	SDG133DCS /50/3/F/C	SDG150DCS /50/3/F/C	SDG183DCS /50/3/F/C	SDG200DCS /50/3/F/C	SDG228DCS /50/3/F/C
Reference Model (Open type)		SDG100DC /50/3/S/C	SDG115DC /50/3/S/C	SDG133DC /50/3/S/C	SDG150DC /50/3/S/C	SDG183DC /50/3/S/C	SDG200DC /50/3/S/C	SDG228DC /50/3/S/C
Reference Model (Silent type)		SDG100DCS /50/3/S/C	SDG115DCS /50/3/S/C	SDG133DCS /50/3/S/C	SDG150DCS /50/3/S/C	SDG183DCS /50/3/S/C	SDG200DCS /50/3/S/C	SDG228DCS /50/3/S/C
Prime Power	KVA	100	115	133	150	183	200	228
	KW	80	91	106	127	146	160	182
Standby Power	KVA	110	125	145	175	200	220	251
	KW	88	100	116	140	160	176	201
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	A	144.3	164.5	190.5	229.5	262.7	288.7	329.1
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	II-NT MRS 10	II-NT MRS 10	II-NT MRS 10	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	160	160	160	240
Coolant Capacity	L	32.9	34.4	34.4	41.3	41.3	41.3	41.1
Base Fueltank Capacity	L	245	245	245	375	375	375	505
Fuel Consumption	L/Hours	22	22	30	40	40	51.4	53
Running Time	Hours	11	11	8	9	9	7	10
Sound @ 7 meter	Db	72	72	72	72	72	72	
Open Type product size	L*W*H(mm)	2350×1000×1480	2350×1000×1480	2395×1000×1442	2550×1150×1560	2550×1150×1560	2550×1150×1560	2550×1150×1708
Open Type Weight net	KG	1300	1450	1550	1820	1820	1860	2150
Canopy Type product size	L*W*H(mm)	3400×1000×1700	3400×1000×1700	3400×1000×1700	3650×1150×1920	3650×1150×1920	3650×1150×1920	3900×1300×2020
Canopy Type Weight net	KG	1820	1970	2080	2450	2450	2480	2810
Engine Specifications								
Engine Model		6BT5.9-G2	6BTA5.9-G2	6BTAA5.9-G2	6CTA8.3-G2	6CTA8.3-G2	6CTAA8.3-G2	6LTAA8. -G2
Prime power	KW	92	110	120	163	163	183	220
Structure		6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	22	22	30	40	40	51.4	53
Lubricant consumption	L/Hour	0.11	0.11	0.15	0.2	0.2	0.257	0.265
Governer		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	16.4	16.4	16.4	23.8	23.8	23.8	27.6
Air intake flow	m^3/min	6	8	8	11	11	11	23
Exhaust gas flow	m /min^3	15	17	17	31	31	31	52
Exhaust gas temperature	OC	591	591	591	591	591	591	591
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10
Compression ratio		17.5	17.5	16	17	17	17.1	18.1
Aspiration		Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering
Bore	mm	102	102	102	114	114	114	114
Stroke	mm	120	120	120	135	135	135	135
Displacement	L	5.9	5.9	5.9	8.3	8.3	8.3	8.9
SAE		3/11.5	3/11.5	3/11.5	2/11.5	2/11.5	2/11.5	2/11.5
Dimension	L*W*H(mm)	996×711×992	996×711×992	996×711×992	1128×740×1084	1128×740×1084	1128×740×1084	1129×743×1171
Net weight	KG	399	399	399	587	587	587	702
Alternator Specification								
Model (STAMFORD)		UCI274C	UCI274D	UCI274E	UCI274F	UCI274G	UCI274H	UCDI274J
Prime power	KW	80	96	112	145.6	145.6	160	180
Model(FARRAND)		274C	274D	DG274E	274F	274H	274H	DG274J
Prime power	KW	80	100	112	128	160	160	180
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.514	0.514	0.514	0.514	0.514	0.514	0.514
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440

CUMMINS Series 50HZ 3Phase 25~1523KVA

50Hz Three Phase Cummins Series Diesel Genset Specifications								
Model		SDG250DC /DCS	SDG295DC /DCS	SDG328DC /DCS	SDG350DC /DCS	SDG375DC /DCS	SDG410DC /DCS	SDG455DC /DCS
Reference Model (Open type)		SDG250DC /50/3/F/C	SDG295DC /50/3/F/C	SDG328DC /50/3/F/C	SDG350DC /50/3/F/C	SDG375DC /50/3/F/C	SDG410DC /50/3/F/C	SDG455DC /50/3/F/C
Reference Model (Silent type)		SDG250DCS /50/3/F/C	SDG295DCS /50/3/F/C	SDG328DCS /50/3/F/C	SDG350DCS /50/3/F/C	SDG375DCS /50/3/F/C	SDG410DCS /50/3/F/C	SDG455DCS /50/3/F/C
Reference Model (Open type)		SDG250DC /50/3/S/C	SDG295DC /50/3/S/C	SDG328DC /50/3/S/C	SDG350DC /50/3/S/C	SDG375DC /50/3/S/C	SDG410DC /50/3/S/C	SDG455DC /50/3/S/C
Reference Model (Silent type)		SDG250DCS /50/3/S/C	SDG295DCS /50/3/S/C	SDG328DCS /50/3/S/C	SDG350DCS /50/3/S/C	SDG375DCS /50/3/S/C	SDG410DCS /50/3/S/C	SDG455DCS /50/3/S/C
Prime Power	KVA	250	295	328	350	375	410	455
	KW	200	236	262	280	300	327	364
Standby Power	KVA	275	325	360	385	413	450	500
	KW	220	260	288	308	330	360	400
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	A	360.9	425.8	472.0	505.2	541.3	590.4	656.8
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	240	240	240	240	240	240	240
Coolant Capacity	L	41.1	50	50	60.6	60.6	60.6	75
Base Fueltank Capacity	L	505	505	505	700	700	700	850
Fuel Consumption	L/Hours	53	56	69	72	86	108	97
Running Time	Hours	10	9	7	10	8	6	9
Sound @ 7 meter	Db							
Open Type product size	L*W*H(mm)	2550×1150×1708	2550×1150×1560	2550×1150×1560	2967×1150×1978	2967×1150×1978	2967×1150×1978	3400×1680×2055
Open Type Weight net	KG	2150	2550	2650	3250	3310	3450	3750
Canopy Type product size	L*W*H(mm)	3900×1300×2020	3900×1300×2020	3900×1300×2020	4500×1463×2165	4500×1463×2165	4500×1463×2165	5050×1650×2475
Canopy Type Weight net	KG	2810	3150	3250	4130	4330	4530	4880
Engine Specifications								
Engine Model		6LTAA8. -G2	QSM11-G2	QSM11-G2	NTA855-G2A	NTA855-G7	NTA855-G7A	KTA19-G3
Prime power	KW	220	292	292	313	343	366	403
Structure		6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	53	56	69	72	86	108	97
Lubricant consumption	L/Hour	0.265	0.28	0.345	0.36	0.43	0.54	0.485
Governer		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	27.6	36.7	36.7	38.6	38.6	38.6	50
Air intake flow	m^3/min	23	20	20	22	28	30	29
Exhaust gas flow	m /min^3	52	48	48	50	59	60	81
Exhaust gas temperature	OC	591	525	525	485	485	485	524
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10
Compression ratio		18.1	16.3	16.3	15	14	14.5	13.9
Aspiration		Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering
Bore	mm	114	125	125	140	140	140	159
Stroke	mm	135	147	147	152	152	152	159
Displacement	L	8.9	10.8	10.8	14	14	14	18.9
SAE		2/11.5	114	114	114	114	114	14
Dimension	L*W*H(mm)	1129×743×1171	1429×877×1149	1429×877×1149	1981×933×1597	1981×933×1597	1981×933×1597	2141×1067×1733
Net weight	KG	702	973	973	1315	1345	1410	1855
Alternator Specification								
Model (STAMFORD)		UCDI274K	S4L1S-D	S4L1S-E	S4L1S-E	S4L1S-F	HCI544C	HCI554C
Prime power	KW	200	240	280	280	320	400	400
Model(FARRAND)		274K	444D	444EL	444EL	444F	544C	544C
Prime power	KW	200	240	260	280	304	400	360
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m^3/s	0.514	0.8	0.8	0.8	0.8	1.035	1.035
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440

50Hz Single Phase Perkins Series Diesel Genset Specifications								
Model		SDG7P/PS	SDG10P/PS	SDG10P/PS	SDG12P/PS	SDG16P/PS	SDG16P/PS	SDG22P/PS
Reference Model (Open type)		SDG7P/50/1/F/C	SDG10P/50/1/F/C	SDG10P/50/1/F/C	SDG12P/50/1/F/C	SDG16P/50/1/F/C	SDG16P/50/1/F/C	SDG22P/50/1/F/C
Reference Model (Silent type)		SDG7PS/50/1/F/C	SDG10PS/50/1/F/C	SDG10PS/50/1/F/C	SDG12PS/50/1/F/C	SDG16PS/50/1/F/C	SDG16PS/50/1/F/C	SDG22PS/50/1/F/C
Reference Model (Open type)		SDG7P/50/1/S/C	SDG10P/50/1/S/C	SDG10P/50/1/S/C	SDG12P/50/1/S/C	SDG16P/50/1/S/C	SDG16P/50/1/S/C	SDG22P/50/1/S/C
Reference Model (Silent type)		SDG7PS/50/1/S/C	SDG10PS/50/1/S/C	SDG10PS/50/1/S/C	SDG12PS/50/1/S/C	SDG16PS/50/1/S/C	SDG16PS/50/1/S/C	SDG22PS/50/1/S/C
Prime Power	KVA	7	10	10	12	16	16	22
	KW	7	10	10	12	16	16	22
Standby Power	KVA	8	11	11	13	18	18	24
	KW	8	11	11	13	18	18	24
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230	230
Rate Current	A	30.4	43.5	43.5	52.2	69.6	69.6	95.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Battery Capacity	AH	36×1	50×1	50×1	50×1	50×1	50×1	50×1
Coolant Capacity	L	5.2	6.0	6.0	6.0	7.0	7.0	7.0
Base Fueltank Capacity	L	78	78	78	78	78	78	78
Fuel Consumption	L/Hours	2.6	6.8	6.8	6.8	5.4	5.4	7.1
Running Time	Hours	30	11	11	11	14	14	11
Sound @ 7 meter	Db	68	68	68	68	69	69	70
Open Type product size	L*W*H(mm)	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980
Open Type Weight net	KG	305	400	400	420	530	530	530
Canopy Type product size	L*W*H(mm)	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120
Canopy Type Weight net	KG	430	650	650	670	750	750	750
Engine Specifications								
		403D-11G	403D-15G	403A-15G1	403A-15G2	404D-22G	404A-22G1	404D-22TG
Prime power	KW	10	14	14	15	21	21	28
Structure		3 Cylinders,inline	3 Cylinders,inline	3 Cylinders,inline	3 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	2.6	6.8	6.8	6.8	5.4	5.4	7.1
Lubricant consumption	L/Hour	0.013	0.034	0.034	0.034	0.027	0.0270	0.0355
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	4.9	6.0	6.0	6.0	10.6	10.6	10.6
Air intake flow	m /min3	0.70	1.10	1.10	1.10	1.50	1.5	1.5
Exhaust gas flow	m /min3	1.60	2.70	2.70	3.60	5.70	6	6
Exhaust gas temperature	OC	368	445	445	445	445	445	445
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10
Compression ratio		23.0	23.0	23.0	23.0	23.0	23.0	23.0
Aspiration		Natural	Natural	Natural	Natural	Natural	Natural	Turbochargering
Bore	mm	77	84	84	84	84	84	84
Stroke	mm	81	90	90	90	100	100	100
Displacement	L	1.1	1.5	1.5	1.5	2.2	2.2	2.2
SAE		5/6.5	4/7.5	4/7.5	4/7.5	4/7.5	4/7.5	4/7.5
Dimension	L*W*H(mm)	770×450×450	770×450×450	770×450×450	770×450×450	915×480×840	915×480×840	915×480×840
Net weight	KG	129	129	129	129	240	240	240
Alternator Specification								
Model (STAMFORD)		S0L1-J	S0L1-S	S0L1-S	PI044G	S0L2-K	S0L2-K	PI144F
Prime power	KW	8	10.8	10.8	12	16	16	22
Model (FARRAND)		164C	164D	164D	184ES	184E	184E	184F
Prime power	KW	9.0	10.0	10	14	16	16	22
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.071	0.071	0.071	0.071	0.071
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440

PERKINS Series 50HZ 1Phase 10~2250KVA

Perkins

50Hz Single Phase Perkins Series Diesel Genset Specifications								
Model		SDG24P/PS	SDG36P/PS	SDG48P/PS	SDG52P/PS	SDG64P/PS	SDG80P/PS	SDG108P/PS
Reference Model (Open type)		SDG24P/50/1/F/C	SDG36P/50/1/F/C	SDG48P/50/1/F/C	SDG52P/50/1/F/C	SDG64P/50/1/F/C	SDG80P/50/1/F/C	SDG108P/50/1/F/C
Reference Model (Silent type)		SDG24PS/50/1/F/C	SDG36PS/50/1/F/C	SDG48PS/50/1/F/C	SDG52PS/50/1/F/C	SDG64PS/50/1/F/C	SDG80PS/50/1/F/C	SDG108PS/50/1/F/C
Reference Model (Open type)		SDG24P/50/1/S/C	SDG36P/50/1/S/C	SDG48P/50/1/S/C	SDG52P/50/1/S/C	SDG64P/50/1/S/C	SDG80P/50/1/S/C	SDG108P/50/1/S/C
Reference Model (Silent type)		SDG24PS/50/1/S/C	SDG36PS/50/1/S/C	SDG48PS/50/1/S/C	SDG52PS/50/1/S/C	SDG64PS/50/1/S/C	SDG80PS/50/1/S/C	SDG108PS/50/1/S/C
Prime Power	KVA	24	36	48	52	64	80	108
	KW	24	36	48	52	64	80	108
Standby Power	KVA	26	40	53	57	70	88	119
	KW	26	40	53	57	70	88	119
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230	230
Rate Current	A	104.3	156.5	208.7	226.1	278.3	347.8	469.6
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC24V
Battery Capacity	AH	50×1	50×1	50×1	50×1	50×1	80×1	80×2
Coolant Capacity	L	10.2	10.2	10.2	13.0	13.0	27.0	37.0
Base Fueltank Capacity	L	78	93	93	180	180	245	375
Fuel Consumption	L/Hours	7.1	10.7	14	15	19	20	30
Running Time	Hours	11	9	7	12	10	12	13
Sound @ 7 meter	Db	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	1560×900×980	1810×950×1020	1810×950×1020	1995×950×1360	1995×950×1360	2395×1000×1410	2550×1150×1560
Open Type Weight net	KG	610	650	650	820	820	1040	1455
Canopy Type product size	L*W*H(mm)	1950×900×1120	2200×950×1250	2200×950×1250	2500×950×1520	2500×950×1520	3400×1000×1700	3650×1150×1920
Canopy Type Weight net	KG	820	890	890	1250	1250	1500	2020
Engine Specifications								
		1103A-33G	1103A-33TG1	1103A-33TG2	1104A-44TG1	1104A-44TG2	1104C-44TAG2	1106A-70TG1
Prime power	KW	31	47	60	66	72	103	140
Structure		3 Cylinders,inline	3 Cylinders,inline	3 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	7.1	10.7	14	15	19	19	41
Lubricant consumption	L/Hour	0.0355	0.0535	0.07	0.07	0.09	0.09	0.21
Governer		Electrical	Mechanical	Electrical	Mechanical	Mechanical	Mechanical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	8.3	7.0	7.0	8.0	8.0	8.0	16.5
Air intake flow	m /min3	2.1	2.9	4	4	5	5	12
Exhaust gas flow	m /min3	6	6	6	10	10	10	29
Exhaust gas temperature	OC	500	492	557	515	555	555	580
Exhaust gas back pressure	Kpa	8	8	8	8	8	8	8
Compression ratio		19.0	19.0	19.0	19.0	19.0	19.0	16.0
Aspiration		Natural	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering intercooled	Turbo chargering intercooled
Bore	mm	105	105	105	105	105	105	105
Stroke	mm	127	127	227	127	127	127	135
Displacement	L	3.3	3.3	3.3	4.4	4.4	4.4	7.0
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	2/11.5
Dimension	L*W*H(mm)	1029×630×950	1029×630×950	1029×630×950	1240×630×950	1240×630×950	1240×630×950	1680×770×1065
Net weight	KG	430	430	430	485	485	485	630
Alternator Specification								
Model (STAMFORD)		S1L2-K	UCI224E	UCI224F	UCI224G	UCI274C	UCI274E	UCI274E
Prime power	KW	27	40	50	60	66	94	112
Model (FARRAND)		184G	224E	224F	224G	274C	274E	274E
Prime power	KW	24	40	50	60	66	94	112
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.071	0.071	0.071	0.071	0.071
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440

Excalibur

50Hz Three Phase Perkins Series Diesel Genset Specifications											
Model		SDG10P/PS	SDG10P/PS	SDG13P/PS	SDG13P/PS	SDG15P/PS	SDG20P/PS	SDG20P/PS	SDG28P/PS	SDG30P/PS	SDG45P/PS
Reference Model (Open type)		SDG10P /50/3/F/C	SDG10P /50/3/F/C	SDG13P /50/3/F/C	SDG13P /50/3/F/C	SDG15P /50/3/F/C	SDG20P /50/3/F/C	SDG20P /50/3/F/C	SDG28P /50/3/F/C	SDG30P /50/3/F/C	SDG45P /50/3/F/C
Reference Model (Silent type)		SDG10PS /50/3/F/C	SDG10PS /50/3/F/C	SDG13PS /50/3/F/C	SDG13PS /50/3/F/C	SDG15PS /50/3/F/C	SDG20PS /50/3/F/C	SDG20PS /50/3/F/C	SDG28PS /50/3/F/C	SDG30PS/ 50/3/F/C	SDG45PS /50/3/F/C
Reference Model (Open type)		SDG10P /50/3/S/C	SDG10P /50/3/S/C	SDG13P /50/3/S/C	SDG13P /50/3/S/C	SDG15P /50/3/S/C	SDG20P /50/3/S/C	SDG20P /50/3/S/C	SDG28P /50/3/S/C	SDG30P /50/3/S/C	SDG45P /50/3/S/C
Reference Model (Silent type)		SDG10PS /50/3/S/C	SDG10PS /50/3/S/C	SDG13PS /50/3/S/C	SDG13PS /50/3/S/C	SDG15PS /50/3/S/C	SDG20PS /50/3/S/C	SDG20PS /50/3/S/C	SDG28PS /50/3/S/C	SDG30PS /50/3/S/C	SDG45PS /50/3/S/C
Prime Power	KVA	10	10	13	13	15	20	20	28	30	45
	KW	8	8	10	10	12	16	16	22	24	36
Standby Power	KVA	9	9	11	11	13	18	18	24	26	40
	KW	9	9	11	11	13	18	18	24	26	40
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	A	14.4	14.4	18.0	18.0	21.7	28.9	28.9	39.7	43.3	65.0
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Battery Capacity	AH	36×1	36×1	50×1	50×1	50×1	50×1	50×1	50×1	50×1	50×1
Coolant Capacity	L	5.2	5.2	6.0	6.0	6.0	7.0	7.0	7.0	10.2	10.2
Base Fueltank Capacity	L	78	78	78	78	78	78	78	78	78	93
Fuel Consumption	L/Hours	2.6	2.6	6.8	6.8	6.8	5.4	5.4	7.1	7.1	11
Running Time	Hours	30	30	11	11	11	14	14	11	11	9
Sound @ 7 meter	Db	68	68	68	68	68	68	68	70	72	72
Open Type product size	L*W*H(mm)	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1810×950×1020
Open Type Weight net	KG	305	305	400	400	420	530	530	530	610	650
Canopy Type product size	L*W*H(mm)	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	2200×950×1250
Canopy Type Weight net	KG	430	430	650	650	670	750	750	750	820	890
Engine Specifications											
		403D-11G	403A-11G1	403D-15G	403A-15G1	403A-15G2	404D-22G	404A-22G1	404D-22TG	1103A-33G	1103A-33TG1
Prime power	KW	8	8	12	12	14	18	18	25	28	41
Structure		3 Cylinders,inline									
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	2.6	2.6	6.8	6.8	6.8	5.4	5.4	7.1	7.1	11
Lubricant consumption	L/Hour	0.013	0.013	0.034	0.034	0.034	0.0270	0.0270	0.0355	0.0355	0.05
Governer		Mechanical							Mechanical	Electrical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	4.9	4.9	6.0	6.0	6.0	10.6	10.6	10.6	8.3	7.0
Air intake flow	m /min3	0.70	0.70	1.10	1.10	1.10	1.5	1.5	1.5	2.1	3
Exhaust gas flow	m /min3	1.60	1.60	2.70	2.70	3.60	6	6	6	6	6
Exhaust gas temperature	OC	368	368	445	445	445	445	445	445	500	492
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10	10	8	8
Compression ratio		23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	19.0	19.0
Aspiration		Natural	Natural	Natural	Natural	Natural	Natural	Natural	Turbochargering	Natural	Turbochargering
Bore	mm	77	77	84	84	84	84	84	84	105	105
Stroke	mm	81	81	90	90	90	100	100	100	127	127
Displacement	L	1.1	1.1	1.5	1.5	1.5	2.2	2.2	2.2	3.3	3.3
SAE		5/6.5	5/6.5	4/7.5	4/7.5	4/7.5	4/7.5	4/7.5	4/7.5	3/11.5	3/11.5
Dimension	L*W*H(mm)	770×450×450	770×450×450	770×450×450	770×450×450	770×450×450	915×480×840	915×480×840	915×480×840	1029×630×950	1029×630×950
Net weight	KG	129	129	129	129	129	240	240	240	430	430
Alternator Specification											
Model (STAMFORD)		S0L1-H	S0L1-H	S0L1-L	S0L1-L	S0L1-P	S0L2-G	S0L2-G	PI144F	S0L2-P	S1L2-R
Prime power	KW	8	8	10	10	12	16	16	22	24	40
Model (FARRAND)		164B	164B	164C	164C	164D	184ES	184ES	184F	184G	224D
Prime power	KW	8.8	8.8	11	11	13	16	16	22	24	40
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation									
Insulation class		H	H	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440

PERKINS Series 50HZ 3Phase 10~2250KVA

Perkins

50Hz Three Phase Perkins Series Diesel Genset Specifications											
Model		SDG60P/PS	SDG65P/PS	SDG80P/PS	SDG100P/PS	SDG135P/PS	SDG150P/PS	SDG180P/PS	SDG200P/PS	SDG230P/PS	SDG250P/PS
Reference Model (Open type)		SDG60P /50/3/F/C	SDG65P /50/3/F/C	SDG80P /50/3/F/C	SDG100P /50/3/F/C	SDG135P /50/3/F/C	SDG150P /50/3/F/C	SDG180P /50/3/F/C	SDG200P /50/3/F/C	SDG230P /50/3/F/C	SDG250P /50/3/F/C
Reference Model (Silent type)		SDG60PS /50/3/F/C	SDG65PS /50/3/F/C	SDG80PS /50/3/F/C	SDG100PS /50/3/F/C	SDG135PS /50/3/F/C	SDG150PS /50/3/F/C	SDG180PS /50/3/F/C	SDG200PS /50/3/F/C	SDG230PS /50/3/F/C	SDG250PS /50/3/F/C
Reference Model (Open type)		SDG60P /50/3/S/C	SDG65P /50/3/S/C	SDG80P /50/3/S/C	SDG100P /50/3/S/C	SDG135P 50/3/S/C	SDG150P /50/3/S/C	SDG180P /50/3/S/C	SDG200P /50/3/S/C	SDG230P /50/3/S/C	SDG250P /50/3/S/C
Reference Model (Silent type)		SDG60PS /50/3/S/C	SDG65PS /50/3/S/C	SDG80PS /50/3/S/C	SDG100PS /50/3/S/C	SDG135PS /50/3/S/C	SDG150PS /50/3/S/C	SDG180PS /50/3/S/C	SDG200PS /50/3/S/C	SDG230PS /50/3/S/C	SDG250PS /50/3/S/C
Prime Power	KVA	60	65	80	100	135	150	180	200	230	250
	KW	48	52	64	80	108	120	144	160	184	200
Standby Power	KVA	53	57	70	88	119	132	158	176	253	275
	KW	53	57	70	88	119	132	158	176	202	220
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	A	86.6	93.8	115.5	144.3	194.9	216.5	259.8	288.7	324.8	360.9
Controllller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	50×1	50×1	50×1	80×1	80×2	80×2	120×2	120×2	120×2	120×2
Coolant Capacity	L	10.2	13.0	13.0	27.0	37.0	37.0	21.0	21.0	37.0	37.0
Base Fueltank Capacity	L	93	180	180	245	375	375	375	375	505	505
Fuel Consumption	L/Hours	14	15	19	20	30	41	41	45	53	55.6
Running Time	Hours	7	12	10	12	13	9	9	8	10	9
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	1810×950×1020	1995×950×1360	1995×950×1360	2395×1000×1410	2550×1150×1560	2550×1150×1560	2550×1150×1560	2550×1150×1560	2900×1300×1600	2900×1300×1600
Open Type Weight net	KG	650	820	820	1040	1455	1455	1820	1910	2200	2250
Canopy Type product size	L*W*H(mm)	2200×950×1250	2500×950×1520	2500×950×1520	3400×1000×1700	3650×1150×1920	3650×1150×1920	3650×1150×1920	3650×1150×1920	3900×1300×2020	3900×1300×2020
Canopy Type Weight net	KG	890	1250	1250	1500	2020	2020	2350	2380	2780	2810
Engine Specifications											
		1103A-33TG2	1104A-44TG1	1104A-44TG2	1104C-44TAG2	1106A-70TG1	1106A-70TAG2	1106A-70TAG3	1106A-70TAG4	1206A-E70TTAG2	1206A-E70TTAG3
Prime power	KW	54	58	72	94	127	140	169	183	206	226
Structure		3 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	14	15	19	19	41	41	41	45	53	55.6
Lubricant consumption	L/Hour	0.07	0.07	0.09	0.09	0.21	0.21	0.21	0.2	0.3	0.278
Governer		Electrical	Mechanical	Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical	EFI pump	EFI pump
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	7.0	8.0	8.0	8.0	16.5	16.5	16.5	16.5	28.3	28.3
Air intake flow	m /min3	4	4	5	5	12	12	12	12	15	15
Exhaust gas flow	m /min3	6	10	10	10	29	29	29	29	40	40
Exhaust gas temperature	OC	557	515	555	555	580	580	580	580	526	526
Exhaust gas back pressure	Kpa	8	8	8	8	8	8	8	8	10	10
Compression ratio		19.0	19.0	19.0	19.0	16.0	16.0	16	16	16	16.0
Aspiration		Turbochargering				Turbo chargering intercooled					
Bore	mm	105	105	105	105	105	105	105	105	116	116
Stroke	mm	227	127	127	127	135	135	135	135	136	136
Displacement	L	3.3	4.4	4.4	4.4	7.0	7.0	7.0	7.0	8.7	8.7
SAE		3/11.5	3/11.5	3/11.5	3/11.5	2/11.5	2/11.5	2/11.5	2/11.5	2/11.5	2/11.5
Dimension	L*W*H(mm)	1029×630×950	1240×630×950	1240×630×950	1240×630×950	1680×770×1065	1680×770×1065	1680×770×1065	1680×770×1065	1820×870×1370	1820×870×1370
Net weight	KG	430	485	485	485	630	630	630	630	690	690
Alternator Specification											
Model (STAMFORD)		S1L2-Y	UCI224F	UCI224G	UCI274C	UCI274E	UCI274F	UCI274G	UCI274H	UCDI 274J	UCDI 274K
Prime power	KW	50	58	68	80	112	128	146	160	184	200
Model (FARRAND)		224E	224F	224G	274C	274E	274F	274G	274H	274J	274K
Prime power	KW	48	58	68	80	112	128	146	160	184	200
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation									
Insulation class		H	H	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440

50Hz Three Phase Perkins Series Diesel Genset Specifications										
Model		SDG300P/PS	SDG350P/PS	SDG400P/PS	SDG455P/PS	SDG500P/PS	SDG591.25P/PS	SDG650P/PS	SDG750P/PS	SDG800P/PS
Reference Model (Open type)		SDG300P/50/3/F/C	SDG350P/50/3/F/C	SDG400P/50/3/F/C	SDG455P/50/3/F/C	SDG500P/50/3/F/C	SDG591.25P/50/3/F/C	SDG650P/50/3/F/C	SDG750P/50/3/F/C	SDG800P/50/3/F/C
Reference Model (Silent type)		SDG300PS/50/3/F/C	SDG350PS/50/3/F/C	SDG400PS/50/3/F/C	SDG455PS/50/3/F/C	SDG500PS/50/3/F/C	SDG591.25PS/50/3/F/C	SDG650PS/50/3/F/C	SDG750PS/50/3/F/C	SDG800PS/50/3/F/C
Reference Model (Open type)		SDG300P/50/3/S/C	SDG350P/50/3/S/C	SDG400P/50/3/S/C	SDG455P/50/3/S/C	SDG500P/50/3/S/C	SDG591.25P/50/3/S/C	SDG650P/50/3/S/C	SDG750P/50/3/S/C	SDG800P/50/3/S/C
Reference Model (Silent type)		SDG300PS/50/3/S/C	SDG350PS/50/3/S/C	SDG400PS/50/3/S/C	SDG455PS/50/3/S/C	SDG500PS/50/3/S/C	SDG591.25PS/50/3/S/C	SDG650PS/50/3/S/C	SDG750PS/50/3/S/C	SDG800PS/50/3/S/C
Prime Power	KVA	300	350	400	455	500	591	650	750	800
	KW	240	280	320	364	400	473	520	600	640
Standby Power	KVA	330	385	440	501	550	650	715	825	880
	KW	264	308	352	400	440	520	572	660	704
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	A	433.0	505.2	577.4	656.8	721.7	866.1	938.2	1082.6	1154.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	120×2	120×2	120×2	120×2	120×2	120×2	120×2	120×2	120×4
Coolant Capacity	L	37.0	51.0	51	58	58.0	61.0	61.0	105	105
Base Fueltank Capacity	L	750	750	750	900	900	900	900	NA	NA
Fuel Consumption	L/Hours	58	77	80	99	95	123	140	159	165
Running Time	Hours	13	10	9	9	10	7	6	NA	NA
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	3257×1150×2124	3257×1150×2124	3257×1150×2124	3430×1540×2187	3430×1540×2187	3430×1540×2187	3430×1540×2187	4000×1800×2300	4000×1800×2300
Open Type Weight net	KG	3200	3200	3200	3750	3980	4200	4500	4750	5100
Canopy Type product size	L*W*H(mm)	4500×1463×2150	4500×1463×2150	4500×1463×2150	5022×1652×2475	5022×1652×2475	5022×1652×2475	5022×1652×2475	ISO 20ft	ISO 20ft
Canopy Type Weight net	KG	3900	3900	3900	4760	4980	5380	5700	NA	NA
Engine Specifications										
		1706A-E93TAG1	2206C-E13TAG2	2206C-E13TAG3	2506C-E15TAG1	2506C-E15TAG2	2806C-E18TAG1A	2806C-E18TAG2	4006-23TAG2A	4006-23TAG3A
Prime power	KW	295	305	349	396	451	522	565	632	679
Structure		6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	58	77	80	99	95	123	140	159	165
Lubricant consumption	L/Hour	0.290	0.385	0.40	0.495	0.48	0.62	0.70	0.795	0.825
Governer		EFI pump	EFI pump	EFI pump	EFI pump	EFI pump	EFI pump	EFI pump	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	36.0	40.0	40.0	62.0	62.0	62.0	62.0	80	74
Air intake flow	m /min3	32	32	32	38	38	38	38	64	42
Exhaust gas flow	m /min3	79	79	79	87	94	94	94	180	180
Exhaust gas temperature	OC	526	526	526	550	550	500	500	430	480
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10	5	5
Compression ratio		16.0	16.0	16.0	15.0	16	15	14.5	13.6	13.6
Aspiration		Turbo chargering intercooled								
Bore	mm	117	130	130	137	137	145	145	160	160
Stroke	mm	146	157	157	171	171	183	183	190	190
Displacement	L	9.3	12.5	12.5	15.2	15	18	18	22.9	22.9
SAE		2/11.5	114	114	0.5/14	0.5/14	18	18	18	18
Dimension	L*W*H(mm)	1960×1060×1350	1960×1060×1350	1960×1060×1350	2657×1120×1718	2657×1120×1718	2657×1120×1718	2657×1120×1718	3027×1706×1964	3027×1706×1964
Net weight	KG	800	800	800	1714	1714	1714	1714	2663	2663
Alternator Specification										
Model (STAMFORD)		S4L1S-D	S4L1S-E	S4L1S-F	HCI544C	HCI544C	HCI544E	HCI544F	HCI634G	HCI634G
Prime power	KW	240	280	320	400	400	488	536	648	648
Model (FARRAND)		444D	444E	444F	544C	544C	544E	544F	634B	634C
Prime power	KW	240	280	320	400	400	488	536	600	640
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.1	0.1	0.1	0.1	0.071	0.071	0.071
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440

PERKINS Series 50HZ 3Phase 10~2250KVA

Perkins

50Hz Three Phase Perkins Series Diesel Genset Specifications										
Model		SDG900P/PS	SDG1022.5P/PS	SDG1250P/PS	SDG1350P/PS	SDG1500P/PS	SDG1710P/PS	SDG1850P/PS	SDG2000P/PS	SDG2250P/PS
Reference Model (Open type)		SDG900P /50/3/F/C	SDG1022.5P /50/3/F/C	SDG1250P /50/3/F/C	SDG1350P /50/3/F/C	SDG1500P /50/3/F/C	SDG1710P /50/3/F/C	SDG1850P /50/3/F/C	SDG2000P /50/3/F/C	SDG2250P /50/3/F/C
Reference Model (Silent type)		SDG900PS /50/3/F/C	SDG1022.5PS /50/3/F/C	SDG1250PS /50/3/F/C	SDG1350PS /50/3/F/C	SDG1500PS /50/3/F/C	SDG1710PS /50/3/F/C	SDG1850PS /50/3/F/C	SDG2000PS /50/3/F/C	SDG2250PS /50/3/F/C
Reference Model (Open type)		SDG900P /50/3/S/C	SDG1022.5P /50/3/S/C	SDG1250P /50/3/S/C	SDG1350P /50/3/S/C	SDG1500P /50/3/S/C	SDG1710P /50/3/S/C	SDG1850P /50/3/S/C	SDG2000P /50/3/S/C	SDG2250P /50/3/S/C
Reference Model (Silent type)		SDG900PS /50/3/S/C	SDG1022.5PS /50/3/S/C	SDG1250PS /50/3/S/C	SDG1350PS /50/3/S/C	SDG1500PS /50/3/S/C	SDG1710PS /50/3/S/C	SDG1850PS /50/3/S/C	SDG2000PS /50/3/S/C	SDG2250PS /50/3/S/C
Prime Power	KVA	900	1023	1250	1350	1500	1710	1850	2000	2250
	KW	720	818	1000	1080	1200	1368	1480	1600	1800
Standby Power	KVA	990	1125	1375	1485	1650	1881	2035	2200	2475
	KW	792	900	1100	1188	1320	1505	1628	1760	1980
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	A	1299.1	1475.9	1804.3	1948.6	2165.1	2468.2	2670.3	2886.8	3247.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	120×4	120×4	200×4	200×4	200×4	200×4	200×4	200×4	200×4
Coolant Capacity	L	105	105	240	240	240	240	316	316	316
Base Fueltank Capacity	L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fuel Consumption	L/Hours	194	221.0	262	258	306	306	258	306	473
Running Time	Hours	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	4655×2050×2300	4655×2050×2300	4800×1700×2550	4800×1700×2550	4800×1700×2550	4800×1700×2550	5650×2250×2900	5650×2250×2900	5650×2250×2900
Open Type Weight net	KG	7700	7900	9000	9000	9000	9000	12000	12000	15000
Canopy Type product size	L*W*H(mm)	ISO 20ft	ISO 20ft	ISO 40ft	ISO 40ft	ISO 40ft	ISO 40ft	ISO 40ft	ISO 40ft	ISO 40ft
Canopy Type Weight net	KG	NA	NA	NA	NA	NA	NA	NA	NA	NA
Engine Specifications										
		4008TAG1A	4008TAG2A	4012-46TWG2A	4012-46TWG3A	4012-46TAG2A	4012-46TAG3A	4016TAG1A	4016TAG2A	4016-61TRG3
Prime power	KW	767	861	1053	1149	1267	1450	1558	1684	1875
Structure		8 Cylinders,inline	8 Cylinders,inline	12 Cylinders,V type	12 Cylinders,V type	12 Cylinders,V type	12 Cylinders,V type	16 Cylinders,V type	1 Cylinders,V type	16 Cylinders,V type
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	194	221.0	262	258	306	306	258	306	473
Lubricant consumption	L/Hour	0.970	1.1050	1.31	1.290	1.53	1.530	1.290	1.530	2.365
Governer		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	166	166	NA	178	178	178	178	178	214
Air intake flow	m /min3	70	70	120	103	100	100	100	100	175
Exhaust gas flow	m /min3	183	200	315	350	350	350	343	387	490
Exhaust gas temperature	OC	480	480	422	474	500	500	500	500	500
Exhaust gas back pressure	Kpa	5	5	5	5	5	5	5	5	5
Compression ratio		13.6	13.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Aspiration										
Bore	mm	160	160	160	160	160	160	160	160	160
Stroke	mm	190	190	190	190	190	190	190	190	190
Displacement	L	31	30.6	45	45.8	45.8	46	45.8	45.8	61.0
SAE		18	18	18	18	18	18	18	18	18
Dimension	L*W*H(mm)	3852×2046×2067	3852×2046×2067	3714×1978×2255	3714×1978×2255	3714×1978×2255	3714×1978×2255	3300×1723×2128	3300×1723×2128	3300×1723×2128
Net weight	KG	4320	4320	5615	5615	5615	5615	5847	5847	5847
Alternator Specification										
Model (STAMFORD)		HCI634H	HCI634J	HCI634K	PI734B	PI734C	PI734E	PI734E	PI734F	PI734H
Prime power	KW	752	824	1008	1120	1240	1368	1520	1664	1860
Model (FARRAND)		634D	634J	634G	734B	734C	734E	734E	734F	734H
Prime power	KW	720	818	1000	1120	1240	1368	1520	1664	1860
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.071	0.07	0.07	0.07	0.07	0.07	0.07
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440