



EXCALIBUR WELDER & GENERATOR

Excalibur Welder & Generator creates power for welding without reliance on mains electricity.

Simply fill up the fuel tank, just as you would for a regular generator, and the welder generator will power your welding equipment wherever you need it.

As a result, welder generators have become essential equipment for onshore, offshore, constructions sites, farms, industry and more, where electric power supply is erratic or non-existent.



**EXCALIBUR GASOLINE /
DIESEL WELDER AND
GENERATOR SERIES**





LOW FUEL CONSUMPTION



100% COPPER ALTERNATOR



AC GENERATOR



ARC WELDING

027 DIESEL WELDER & GENERATOR (OPEN)

028 GASOLINE WELDER & GENERATOR (OPEN)

029 DIESEL WELDER & GENERATOR (SILENT)

031 INVERTER DIESEL WELDER & GENERATOR (OPEN)

033 INVERTER GASOLINE WELDER & GENERATOR (OPEN)

034 INVERTER DIESEL WELDER & GENERATOR (SILENT)

035 550-600A DIESEL WELDER & GENERATOR

Classic Type Diesel Welder And Generator (Open Type)



● S6500DEW



SINGLE PHASE ONLY

- ✓ Max DC welding output of 180A
- ✓ 2000 max starting watts, 1800 running watts
- ✓ Features a powerful, reliable Excalibur 418cc diesel engine
- ✓ 13.8 hours runtime at 50% load
- ✓ Electric start with manual backup, 12v battery included
- ✓ Digital display for fast, easy weld setups (optional)
- ✓ Included 8 in. wheel kit for easy jobsite portability

Accessories:



Model	S6500D(E)W	S7500D(E)W	S8500D(E)W
Frequency (HZ)		50 / 60	
Rated Voltage (V)		110, 120, 220, 230, 240	
Rated Output KW	4.6/5.0 1.8/2.0	2.0/2.2 5.0/5.5	2.8/3.0 6.0/6.5
DC Output		12V-8.3A	
Power Factor		1.0	
Welding Voltage(DC)(V)		25-30	
Rated Welding Current DC	50A-180A	50A-190A	50A-230A
Electrode (mm)		1.6-4.0	
Noise Level (7m) db (A)		69-72	
Engine Model	S186FA(E)	S188FB(E)	S192F(E)
Fuel Tank Capacity (L)		20	
Continuous Running Time (hr)	5.8	5.3	4
Starting System		Manual /Electric Start	
Packing Size (L*W*H) mm		950*545*710	
Net Weight (KG)	115	120	126

Model	S10000DEW
Frequency (HZ)	50Hz or 60Hz
Rated Voltage (V)	110V, 120V, 220V, 230V, 240V
Rated Output KW	3.5 / 4.0
DC Output	12V-8.3A
Power Factor	1.0
Welding Voltage (DC) (V)	25-30
Rated Welding Current DC	50A-300A
Electrode (mm)	1.6-6.0
Noise Level (7m) db (A)	8
Engine Model	S292FE
Fuel Tank Capacity (L)	28
Continuous Running Time (hr)	5.3
Starting System	Electric Start
Packing Size (L*W*H) mm	1010*630*920
Net Weight (KG)	220



● S10000DEW



SINGLE PHASE ONLY

- ✓ Max DC welding output of 300A
- ✓ 3500 max starting watts, 4000 running watts
- ✓ Features a powerful, reliable Excalibur 997cc twin cylinder diesel engine
- ✓ 14 hours runtime at 50% load
- ✓ Electric start with manual backup, 12v battery included
- ✓ Digital display for fast, easy weld setups (optional)
- ✓ Included 4 in. universal wheel kit for easy jobsite portability

Accessories:





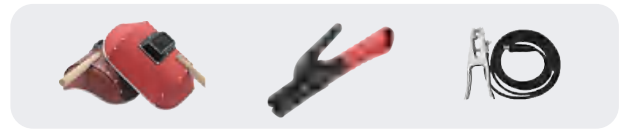
● S8500CXW



SINGLE PHASE ONLY

- ✓ Max DC welding output of 230A
- ✓ 2800 max starting watts, 3000 running watts
- ✓ Features a powerful, reliable Excalibur 465cc gasoline engine
- ✓ 13 hours runtime at 50% load
- ✓ Electric start with manual backup, 12v battery included
- ✓ Digital display for fast, easy weld setups (optional)
- ✓ Included 8 in. wheel kit for easy jobsite portability

Accessories:



Model	S6500CXW	S7500CXW	S8500CXW
Frequency (HZ)	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Rated Voltage (V)		110V, 220V, 230V, 240V	
Rated Output kW	1.8 / 2.0	2.0 / 2.2	2.8 / 3.0
DC Output	12V-8.3A	12V-8.3A	12V-8.3A
Power Factor	1.0	1.0	1.0
Welding Voltage (DC) (V)	50-30	50-30	50-30
Rated Welding Current DC	50A-180A	50A-190A	50A-230A
Electrode (mm)	1.6-4.0	1.6-4.0	1.6-4.0
Noise Level (7m) db (A)	68	68	68
Engine Model	S420	S420	S460
Fuel Tank Capacity (L)	25	25	25
Continuous Running Time (hr)	13h	13h	13h
Starting System		Manual / Electric Start	
Packing Size (L*W*H) mm	750*600*640	750*600*640	750*600*640
Net Weight (KG)	95	97	103

Classic Type Diesel Welder & Generator (Silent Type)

● S6500DSW



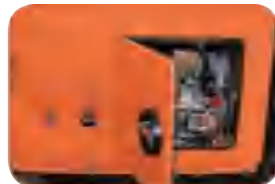
Accessories:



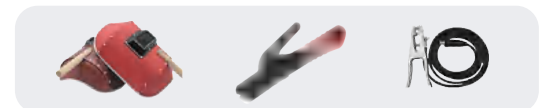
Model	S6500DSW-1	S7500DSW-1	S8500DSW-1
Frequency (HZ)	50 / 60		
Rated Voltage (V)	110, 120, 220, 230, 240		
Rated Output KW	4.6/5.0 1.8/2.0	2.0/2.2 5.0/5.5	2.8/3.0 6.0/6.5
DC Output	12V-8.3A		
Power Factor	1.0		
Welding Voltage(DC)(V)	25-30		
Rated Welding Current DC	50A-180A	50A-190A	50A-230A
Electrode (mm)	1.6-4.0		
Noise Level (7m) db (A)	69-72		
Engine Model	S186FA(E)	S188FB(E)	S192F(E)
Fuel Tank Capacity (L)	20		
Continuous Running Time (hr)	9.1	8.3	6.7
Starting System	Electric Start		
Packing Size (L*W*H) mm	950*545*710		
Net Weight (KG)	153	155	160

Model	SS6500DSW	SS7500DSW	SS8500DSW
Frequency (HZ)	50 / 60		
Rated Voltage (V)	110, 120, 220, 230, 240		
Rated Output KW	4.6/5.0 1.8/2.0	2.0/2.2 5.0/5.5	2.8/3.0 6.0/6.5
DC Output	12V-8.3A		
Power Factor	1.0		
Welding Voltage(DC)(V)	25-30		
Rated Welding current DC	50A-180A	50A-190A	50A-230A
Electrode (mm)	1.6-4.0		
Noise Level (7m) db (A)	69-72		
Engine Model	S186FA(E)	S188FB(E)	S192F(E)
Fuel Tank Capacity (L)	20		
Continuous Running Time (hr)	9.1	8.3	6.7
Starting System	Electric Start		
Packing Size (L*W*H) mm	950*545*710		
Net Weight (KG)	153	155	160

- SS6500DSW
- SS8500DSW
- SS7500DSW



Accessories:





Inverter Type Diesel Welder And Generator

Product Features:



IGBT technology and smartmodule:

Ensure multiple protections for overheating and undervoltage, avoiding damage to the machine



Energy saving and higher efficiency:

Saving around 25% fuel than traditional welding machine



Fuel injector& pump come from the most famous brand in China--NJ



DKJ 35-50 quick welding connector:

Improve working efficiency



City power connector:

Ensures welding under city power(optional)



3 in 1 display & welding current display:

Various digital display options

Accessories:



Standard Accessories: Mask & Welding Clamp

Inverter Diesel Welder & Generator (Open)



S6500DEWi

20A – 180A

5000W starting/ 4500W running

Welding current display, 3 in 1 display

IGBT module

Yes

Yes

Output Amp

Generator Power

Digital Display

Rectification Circuit

Simultaneous use of Welding & Generating

Three Phase

S6500DEW

50A – 180A

2000W starting/ 1800W running

No

2*3 diodes in parallel

No

No

Model	S6500D(E)Wi / S6500D(E)Wi3	S7500D(E)Wi / S7500D(E)Wi3	S8500D(E)Wi / S8500D(E)Wi3
Frequency (HZ)	50Hz or 60Hz		
Rated Voltage (V)	110V, 120V, 220V, 230V, 240V, 380V, 400V, 415V		
Rated Output KVA	4.6 / 5.0	5.0 / 5.5	6.0 / 6.5
DC Output	12V–8.3A		
Power Factor	1.0 / 0.8 (three-phase)		
Welding Voltage(DC)(V)	20 – 30		
Rated Welding Current DC	20A–180A	20A–190A	20A–230A
Electrode (mm)	1.6 – 4.0		
Noise Level (7m) db (A)	77		
Engine Model	S186FA(E)	S188FB(E)	S192F(E)
Fuel Tank Capacity (L)	12.5		
Continuous Running Time (hr)	5.8	5.3	4.2
Starting System	Manual / Electric Start		
Packing Size (L*W*H) mm	760*540*675		
Net Weight (KG)	115	117	120



- IGBT Technology
- Welding and Generating Function
- Energy Saving and Higher Efficiency



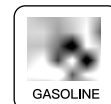
Specifications:

Model	S10000D(E)Wi / S10000D(E)Wi3
Frequency (HZ)	50Hz or 60Hz
Rated Voltage (V)	110V, 120V, 220V, 230V, 240V, 380V, 400V, 415V
Rated Output kW	4.6 / 5.0
DC Output	12V-8.3A
Power Factor	1.0 / 0.8 (three-phase)
Welding Voltage (DC) (V)	20-30
Rated Welding Current DC	20A-300A
Electrode (mm)	3.0 - 6.0
Noise Level (7m) db (A)	83
Engine Model	SV292FE
Fuel Tank Capacity (L)	28
Continuous Running Time (hr)	5.3
Starting System	Electric Start
Packing Size (L*W*H) mm	1010*630*920
Net Weight (KG)	215

Inverter Gasoline Welder & Generator (Open)

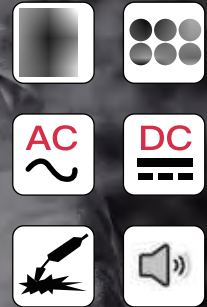


● S8500CXWi



Specifications:

Model	S6500CXWi / S6500CXWi3	S7500CXWi / S7500CXWi3	S8500CXWi / S8500CXWi3
Frequency (HZ)	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Rated Voltage (V)	"110V, 120V, 220V, 230V, 240V 380V, 400V, 415V"	"110V, 120V, 220V, 230V, 240V 380V, 400V, 415V"	"110V, 120V, 220V, 230V, 240V 380V, 400V, 415V"
Rated Output KW	5 / 5.5	6 / 6.5	7.0 / 7.5
DC Output	12V-8.3A	12V-8.3A	12V-8.3A
Power Factor	1.0/0.8 (three-phase)	1.0/0.8 (three-phase)	1.0/0.8 (three-phase)
Welding Voltage (DC) (V)	20-30	20-30	20-30
Rated Welding Current DC	20A-180A	20A-190A	20A-230A
Electrode (mm)	1.6-4.0	1.6-4.0	1.6-4.0
Noise Level (7m) db (A)	68	68	68
Engine Model	S420	S420	S460
Fuel Tank Capacity (L)	25	25	25
Continuous Running Time (hr)	13h	13h	13h
Starting System	Manual / Electric start	Manual / Electric start	Manual / Electric start
Packing Size (L*W*H) mm	750*600*640	750*600*640	750*600*640
Net Weight (KG)	95	97	103



S6500DEWi

20A – 180A

5000W starting/ 4500W running

Welding current display, 3 in 1 display

IGBT module

Yes

Yes

Output Amp

Generator Power

Digital Display

Rectification Circuit

Simultaneous use of Welding & Generating

Three Phase

S6500DEW

50A – 180A

2000W starting/ 1800W running

No

2*3 diodes in parallel

No

No

Model	S6500DSWi / S6500DSWi3	S7500DSWi / S7500DSWi3	S8500DSWi / S8500DSWi3
Frequency (HZ)	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Rated Voltage (V)	110V, 120V, 220V, 230V, 240V, 380V, 400V, 415V		
Rated Output KW	4.6 / 5.0	5.0 / 5.5	6.0 / 6.5
DC Output	12V-8.3A	12V-8.3A	12V-8.3A
Power Factor	1.0/0.8 (three-phase)	1.0/0.8 (three-phase)	1.0/0.8 (three-phase)
Welding Voltage (DC) (V)	20-30	20-30	20-30
Rated Welding Current DC	20A-180A	20A-190A	20A-230A
Electrode (mm)	1.6-4.0	1.6-4.0	1.6-4.0
Noise Level (7m) db (A)	72	72	72
Engine Model	S186FA(E)	S188FB(E)	S192F(E)
Fuel Tank Capacity (L)	20	20	20
Continuous Running Time (hr)	9.3	8.5	6.7
Starting System	Electric Start	Electric Start	Electric Start
Packing Size (L*W*H) mm	1060*545*700	1060*545*700	1060*545*700
Net Weight (KG)	155	160	165

550-600A Diesel Welder & Generator

● S20000DW



Model		S20000DW
Welder Specs	Rated Welding Current	600A
	Current Range	50–600A
	Rated Welding Voltage	26–30V
	Electrode Diameter	2.0–8.0mm
	No-load Voltage	65V
Generator Specs	Continuous Load	100%
	Rated Output	30kW
	Rated Voltage	220V / 380V
	Phase	Three Phase
	Frequency	50Hz
	Rotation Speed	1500rpm
	Insulation class	H
Engine Specs	Continuous Running Time	8–12h
	Engine Model	4100D
	Rated Output	30.1kW
	No. of Cylinder	4
	Intake method	Natural Inhale
	Type of Fuel	0#/-10# diesel
	Displacement	3.61L
	Fuel Consumption	206g/kw.h
	Lubrication Method	Pressure Splash Lubrication
	Oil Capacity	8L
Genset	Fuel Tank Capacity	60L
	Protective Device	yes
	Dimension (L*W*H)	2400*1100*1200mm
	Net Weight	860kg
	Dimension with Trailer (L*W*H) Net Weight with Trailer	2400*1650*1800mm 1200kg



Two holders can be used simultaneously, each capable is 20–250A current.

Model		S18000DEW/i
Welder and Generator Specs	Frequency (HZ)	50
	Rated Voltage (V)	220
	Rated Output (KW)	15
	Phase	Single Phase
	Welding Voltage(DC)(V)	20–28
	Rated Welding Current DC	20A–500A
Engine Specs	Electrode (mm)	1.6–6.0
	Engine Model	SV298F
	Engine Type	Air cooled, 4–stroke, twin cylinder
	Displacement	1.247L
	Type of Fuel	0 # (Summer) -10 # (Winter) , -35 # (Very cold) Diesel
Genset	Lubricate Oil Capacity	4.6L
	Type of Lubricate Oil	SAE10W30
	Noise Level (7m) db (A)	75
	Fuel tank capacity (L)	28
	Continuous running time(hr)	5
	Starting system	Electric start
	Machine size (L*W*H) mm	1380*780*1085mm
	Net weight (KG)	310kg