



EXCALIBUR THOR SERIES

Diesel generators can be used as emergency power where there is a power outage or where there is no connection to the grid.

Excalibur THOR series generators can be used to run power tools or appliances such as alternators, computers, multiple ceiling fans, etc. They are suitable for small offices, stores and homes.



EXCALIBUR THOR SERIES
2 YEAR WARRANTY



LOW FUEL CONSUMPTION



100% COPPER ALTERNATOR



AC GENERATOR



ARC WELDING

127

ENGINE

128

WATER PUMP

131

GENERATOR

Engine

Excalibur THOR series



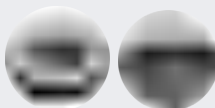
Fuel System Technology



Cylinder head using low-pressure casting aluminum alloy, intake and exhaust passages reasonable designed, air-tight fully inspected, ensure sufficient burning, providing stable and excellent performance.

Air Cleaner System

High grade air filter, ensure strong anti-petrol and high filtering effect, also strengthen protection of engine.Unique 52 folding edges filter edge design, providing larger intake area.



Unique diamond-shaped protecting net in both side of filter, protecting filter while ensuring intake air inflow, enhance filter service time.

Advanced Noise-reduce Design

Unique wholly-wrap type silencer, improve noise reduction effect and control engine temperature rise, in order to meet high-end market requirement.



BOSCH brand pump nozzle, ensure excellent atomization effect, highly improve the engine's power and fuel economy of engine, adapt to higher emission standard.



Schaeffler bearing, ensure engine high precision running, lower noise, longer service time.



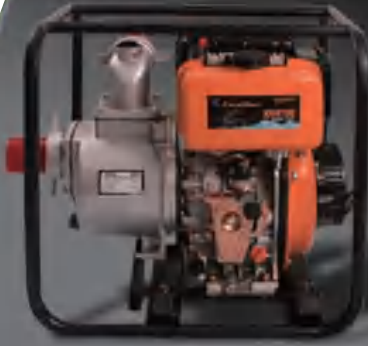
ATG piston ring, labyrinth air leakage circuit, increasing air leakage resistance, reduce air leakage, ensure stable engine performance.

Engine Model	EM170F	EM178F	EM186F	EM188F
Type	Single-cylinder, Vertical, Air-cooled, 4-stroke, Direct injection	Single-cylinder, Vertical, Air-cooled, 4-stroke, Direct injection	Single-cylinder, Vertical, Air-cooled, 4-stroke, Direct injection	Single-cylinder, Vertical, Air-cooled, 4-stroke, Direct injection
BorexStroke	70 x 55 mm	78 x 64 mm	86 x 72 mm	88 x 75 mm
Displacement	0.211 L	0.305 L	0.418 L	0.456 L
Compression Ratio	20:1	20:1	19:01	19:01
Rated Power/ Rated Speed	2.5 kW/3000 r/min, 2.8 kW/3600 r/min	3.68 kW/3000 r/min, 4 kW/3600 r/min	5.7 kW/3000 r/min, 6.3 kW/3600 r/min	6.7113 kW/3000 r/min, 7.457 kW/3600 r/min
Lowest Rotation Speed At Zero Load	≤1300 r/min	≤1300 r/min	≤1300 r/min	≤1300 r/min
Lubricating System	Pressure Splashed	Pressure Splashed	Pressure Splashed	Pressure Splashed
Starting System	Recoil Starter/Electric Starter	Recoil Starter/Electric Starter	Recoil Starter/Electric Starter	Recoil Starter/Electric Starter
Rotation Direction	Anticlockwise	Anticlockwise	Anticlockwise	Anticlockwise
Fuel Type	0#, -10#, -20# diesel	0#, -10#, -20# diesel	0#, -10#, -20# diesel	0#, -10#, -20# diesel
Fuel Tank Capacity	2.5 L	3.5 L	5.5 L	5.5 L
Fuel Consumption/Related Rotation Speed	280.2 g/kW.h/3000 r/min, 288.3 g/kW.h/3600 r/min	276.1 g/kW.h/3000 r/min, 285.6 g/kW.h/3600 r/min	275.1 g/kW.h/3000 r/min, 281.5 g/kW.h/3600 r/min	276.1 g/kW.h/3000 r/min, 285.6 g/kW.h/3600 r/min
Lube Oil Type	CD grade or SAE 10W-30, 15W-40	CD grade or SAE 10W-30, 15W-40	CD grade or SAE 10W-30, 15W-40	CD grade or SAE 10W-30, 15W-40
Lube Oil Capacity	0.75 L	1.1 L	1.65 L	1.65 L
Starting Motor Capacity	12 V 0.8 kW	12 V 0.8 kW	12 V 0.8 kW	12 V 0.8 kW
Charging Generator Capacity	12 V 3 A	12 V 3 A	12 V 3 A	12 V 3 A
Battery Capacity	12 V 24 Ah - 36 Ah	Above 12 V 36 Ah	Above 12V 36 Ah	Above 12 V 36 Ah
Overall Dimension	335 x 380 x 415 mm	385 x 420 x 450 mm	420 x 440 x 495 mm	500 x 460 x 555 mm
Dry Weight	≤27 kg(Recoil Starter)	≤38 kg(Electric Starter)	52 kg (Electric Starter)	≤47 kg(Eecoil Starter) ≤53 kg(Electric Starter)



Clear Water Pump

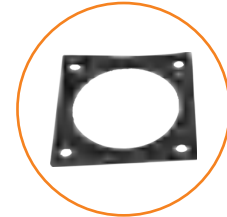
Excalibur THOR series



Excalibur THOR Series water pump models are for a wide variety of applications in agriculture, industry, residential, rental, etc. From our clean water pumps to our trash pumps, each of our pumps offers outstanding performance. Excalibur THOR Series diesel engines are the heart of our pump line. They start easily and provide sufficient and stable power for the job at hand.



● EDP30



Clear Water Pump

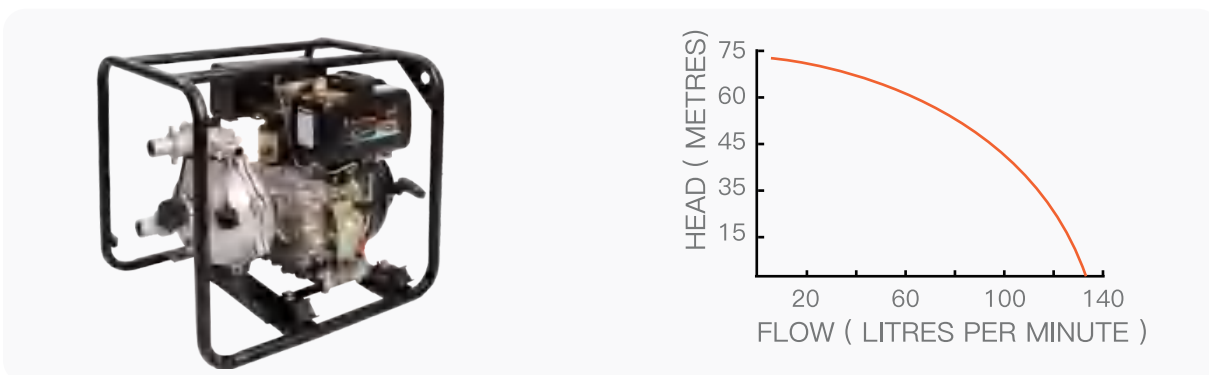
Model	EDP20	EDP30	EDP40
Type	Diesel Pump	Diesel Pump	Diesel Pump
Suction & Discharge Port Diameter (mm)(in)	50(2")	80(3")	100(4")
Rated Capacity (m ³ /h)	22	30	40
Rated Total head (m)	15	13	16
Max.Suction Head (m)	8	8	8
Self-priming Time (s/4m)	80	120	180
Rotation Speed (r/min)	3600	3600	3600
Noise Level [dB(A)/7m]	74	76	79
Engine Type	170F	178F	186F
Rated Power (kW)	2.8	4	6.3
Fuel Consumption (g/kW.h)	288	285	281
Displacement (cm ³)	211	296	406
Starter System	Recoil Starter	Recoil Starter	Recoil Starter

High Pressure Water Pump

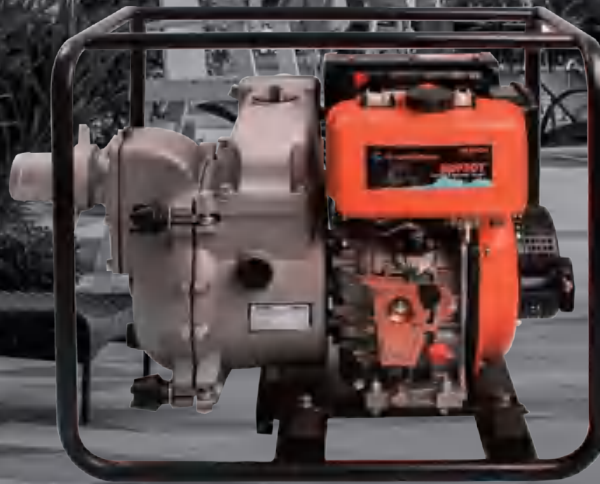
Excalibur THOR series



● EDP15H



	Model	EDP15H
Water Pump	Suction, Discharge Port Diameter [mm(in)]	40 (1.5")
	Cont. Head (m)	42
	Self-priming Time (s/4m)	40
	Max Suction Head (m)	8
	Cont. Capacity (m ³ /hr)	10
	Fuel Tank Capacity: L	3.5
Engine	Engine Model	178F
	Type	Single-cylinder, Vertical, 4-Stroke Air-cooled Diesel Engine
	Bore X Stroke (mm)	78*62
	Fuel	Summer: 0# Winter: -10#
	Lubrication Oil Model	SAE10W-30 (Above CD Grade)
	Lubrication Oil Volume (L)	1.1
	Fule Oil Consumption Rate (g. kw/h)	285
	Displacement: L	0.296
	Power/ Speed: KW, r/min	4/3600
	Compression Ratio	20:1
Dimensions	Combustion System	Direct Injection
	Starting System	Recoil Starter
	Dimension	605*470*582mm
	Dry Weight	50kg
	20FT	120



Unique horseshoe-shaped quick lock design, attractive appearance, durable, also easy to quickly clean water pump cavity.



Impeller and turbine conical design, unique flow channel design, ensure the smooth transmission of large flow and large particulate matter.



Inlet filter screen made of iron sheet stamping and welding, the surface is galvanized. The maximum particle size is 25*25mm.

Trash Water Pump

Model	EDP20T	EDP30T	EDP40T
Type	Diesel Pump	Diesel Pump	Diesel Pump
Suction & Discharge Port Diameter (mm)(in)	50(2")	80(3")	100(4")
Rated Capacity (m ³ /h)	42	72	96
Rated Total Head (m)	26	25	26
Max.Suction Head (m)	8	8	8
Self-priming Time (s/4m)	60	90	150
Rotation Speed (r/min)	3600	3600	3600
Engine Type	170F	178F	186F
Max. Power (kW/ rpm)	2.8 (3600)	4.0 (3600)	6.3 (3600)
Displacement (cm ³)	211	296	406
Fuel Consumption(g/kW.h)	288	285	281
Noise Level [dB(A)/7m]	74	76	79
Starter System	Recoil Starter	Recoil Starter	Recoil Starter
Dimension (L*W*H)	655*435*565mm	675*445*575mm	780*485*605mm
Net Weight (kg)	48	60	89



● **EDE6500E**



MODEL EDE6500E

Generator Set	
Rated Frequency	50 Hz or 60 Hz
Prime Power	50 Hz: 4.5 kW (4.5 kVA) 60 Hz: 5 kW (5 kVA)
Standby Power	50 Hz: 5 kW (5 kVA) 60 Hz: 5.5 kW (5.5 kVA)
Rated Voltage	115/230 V or 120/240 V

Engine	
Engine Type	EM186FAE
Displacement	0.418 L
Starter System	12V Electric System

Genset	
Noise Level (7m)	72 dB(A)
Fuel Tank Capacity	13.5 L
Overall Dimensions	910 x 530 x 740 mm
Net Weight	100 kg

DOUBLE MUFFLER
REDUCES EXHAUSE
RESISTANCE ENSURES
LOW RUNNING NOISE

BREAKER SYSTEM
PREVENTS MACHINE
FROM MOVING ON
AN INCLINED PLACE
ENSURES SAFTY

12V 36Ah 280A
MAINTENANCE-FREE
BATTERY
LARGER CAPACITY &
LONGER SERVICE LIFE

**OVERCURRENT
PROTECTION SYSTEM**
AVR
PROVIDES PROTECTION FOR
ALTERNATOR & ENGINE
EXTENDS SERVICE LIFE



● EDE7000STA



● EDE6500T



● EDE7000T



● EDE6700T

Model	EDE6500T	EDE6700T	EDE7000STA	EDE7000T
Generator Set				
Rated Frequency	50 Hz or 60 Hz			
Prime Power	50 Hz: 4.4 kW (5.5 kVA) 60 Hz: 5 kW (6.3 kVA)		50 Hz: 4.5 kW (4.5 kVA) 60 Hz: 5 kW (5 kVA)	
Standby Power	50 Hz: 4.8 kW (6 kVA) 60 Hz: 5.6 kW (7 kVA)		50 Hz: 5 kW (5 kVA) 60 Hz: 5.5 kW (5.5 kVA)	
Rated Voltage	400/230 V or 416/240 V		115/230 V or 120/240 V	
Engine				
Engine Type	EM186FAE		EM186FAE	
Displacement	0.418 L	0.418 L	0.418 L	0.418 L
Starter System	12V Electric System	12V Electric System	12V Electric System	12V Electric System
Genset				
Noise Level (7m)	78 dB(A)	72 dB(A)	72 dB(A)	72 dB(A)
Fuel Tank Capacity	15 L	15 L	15 L	15 L
Overall Dimensions	740 x 910 x 530 mm		910 x 530 x 740 mm	
Net Weight	171 kg		145 kg	