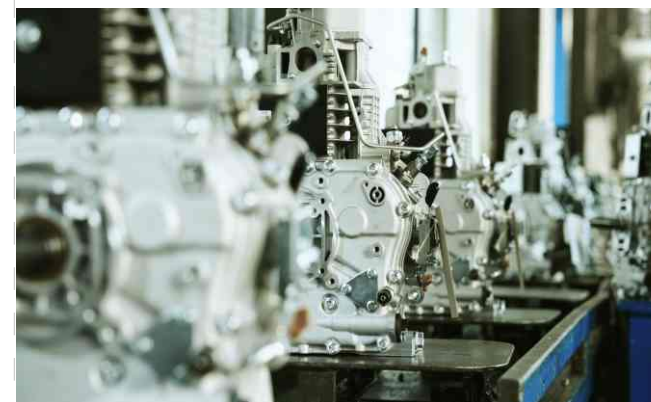




Manufacturing



ISO9001

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 04819Q1022890M

We hereby certify that the organization:
WUXI H-POWER MACHINERY CO., LTD.
Address: National credit code: 91320202700019326

is in conformity with Quality Management System Standard:
GB/T19001-2016 / ISO9001:2015

The certificate is valid to the following product/service:
Assembly Manufacturing of Diesel Generator Set
Below 7.6KW

Registration Address/ Physical Address: No. 120, Yangtze River Road, Yangtze River
 Town, Huai'an Zone, Wuxi City, Jiangsu Province, P. R. China

 Issued By

Date of issue: 2015-05-16
 Date of Expiry: 2017-05-16

WUXI H-
 POWER
 MACHINERY CO., LTD.
 QUALITY MANAGEMENT SYSTEM

The effectiveness of the Certificate is subject to QMC Code in the latest full current membership you can see the website of certification body www.bureauqmc.com, or search the CNCA website www.cnca.gov.cn

Beijing Head International Certification Co., Ltd.

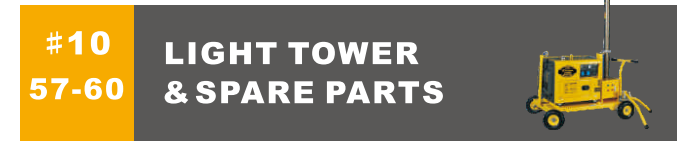
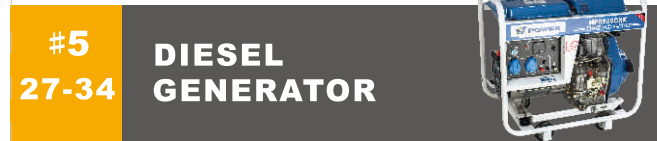
Address: Room 1001, Building 5, No. 16, Huashan East Road, Chaoyang District, Beijing, P. R. China 100022



#1 01-11 DIESEL ENGINE



#2 TWIN-CYLINDER 12-14 DIESEL ENGINE





**HP170F(E)
HP173F(E)**



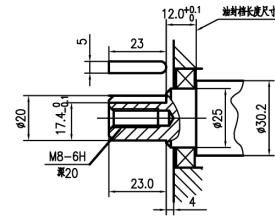
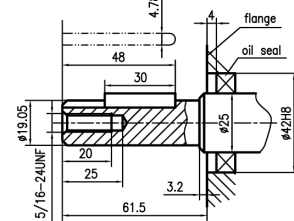
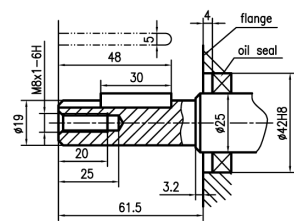
POWER



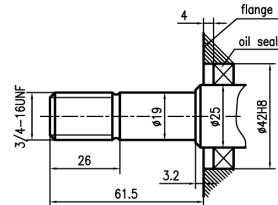
HP178F(E)



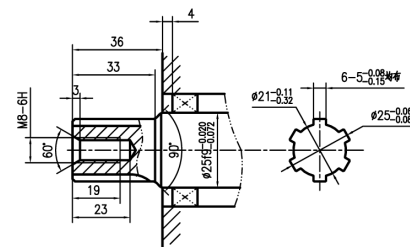
Keyway shaft



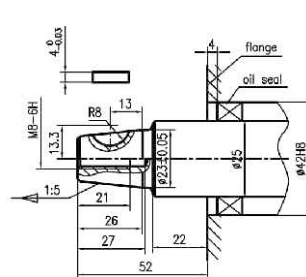
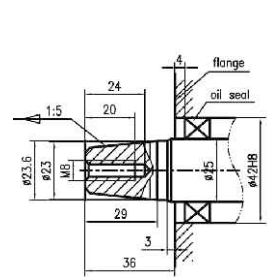
Thread shaft



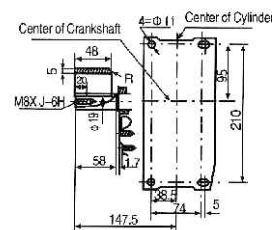
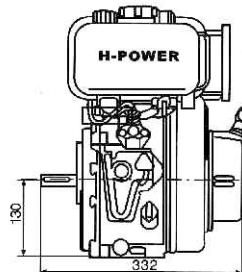
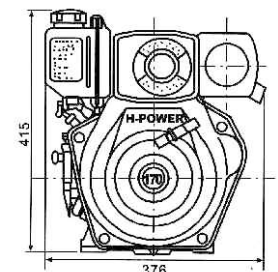
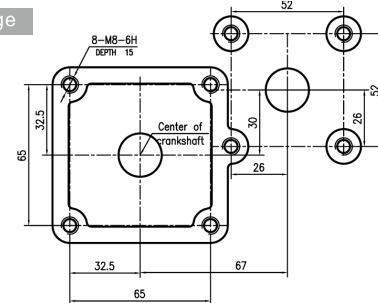
Spline shaft



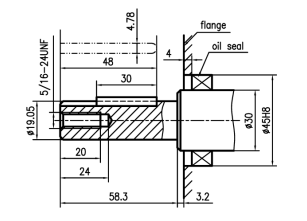
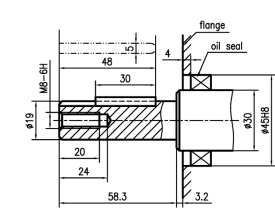
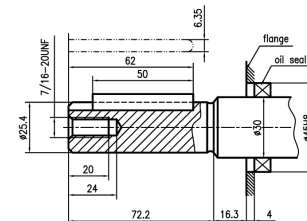
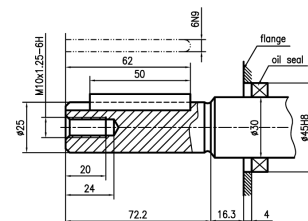
Taper shaft



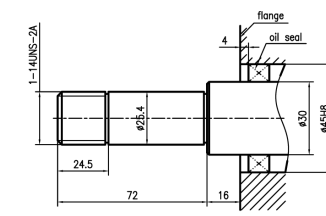
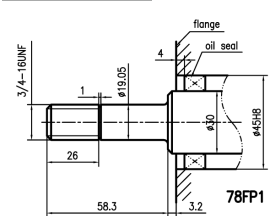
PTO Flange



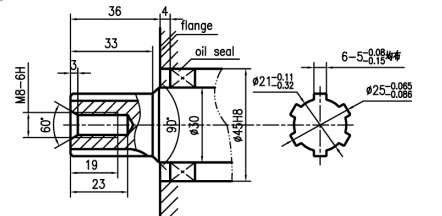
Keyway shaft



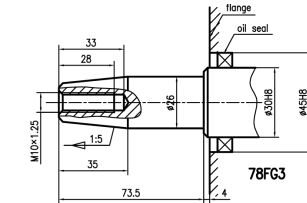
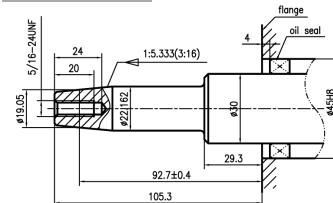
Thread shaft



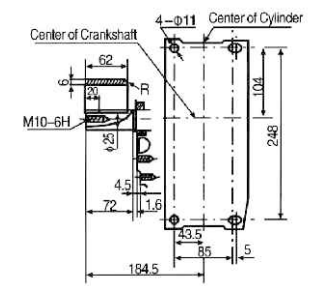
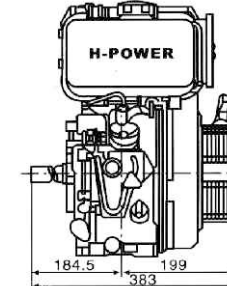
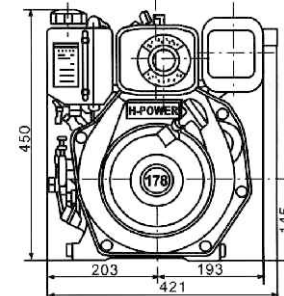
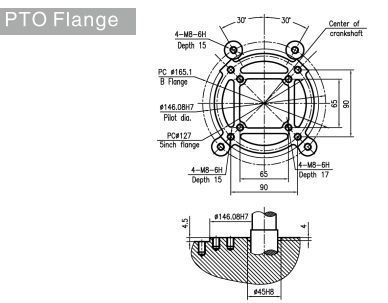
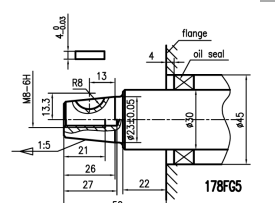
Spline shaft



Taper shaft



PTO Flange





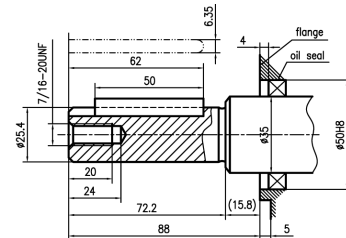
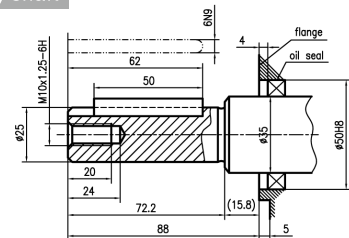
**HP186FA(E)
HP188F(E)
HP188FC(E)**



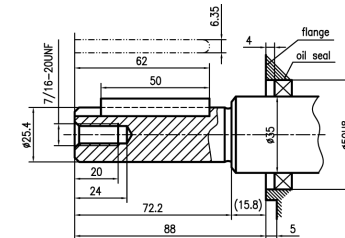
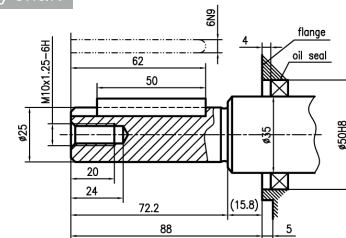
**HP192F(E)
HP195F(E)
HP192FC(E)
HP195FC(E)**



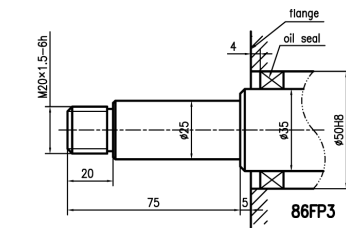
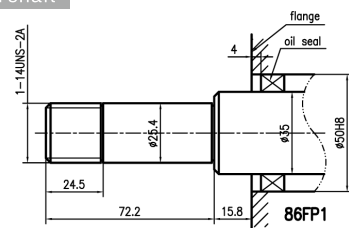
Keyway shaft



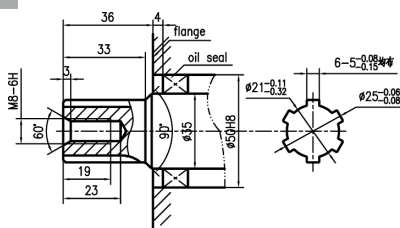
Keyway shaft



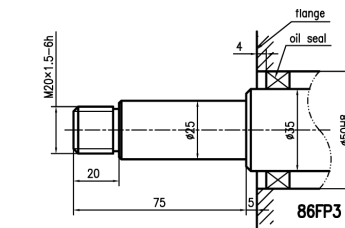
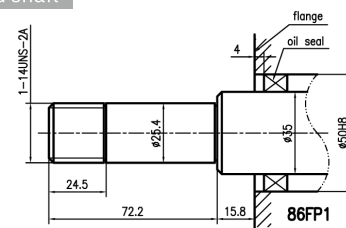
Thread shaft



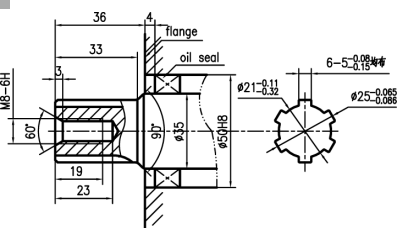
Spline shaft



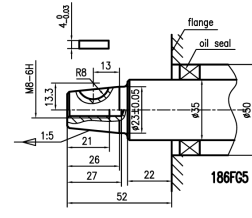
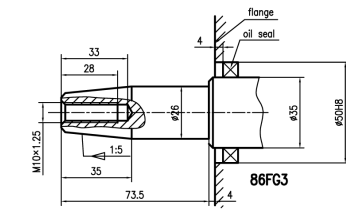
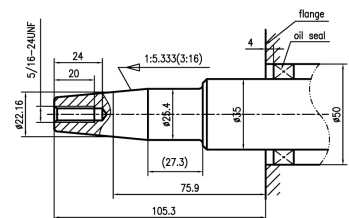
Thread shaft



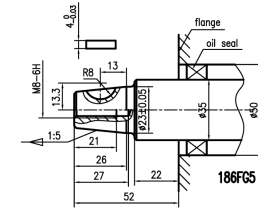
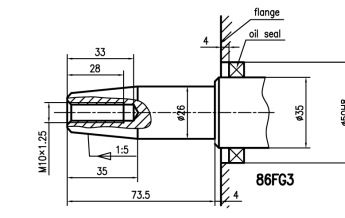
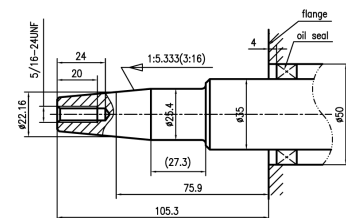
Spline shaft



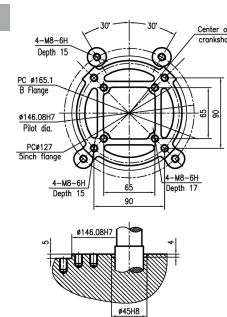
Taper shaft



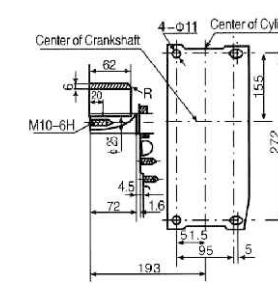
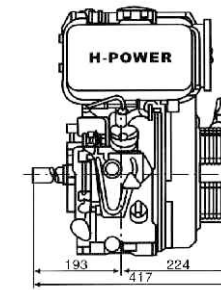
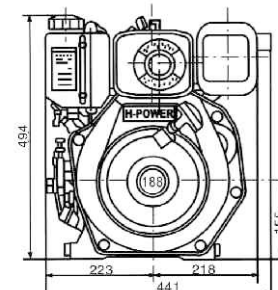
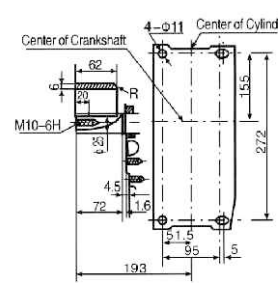
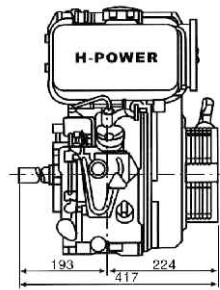
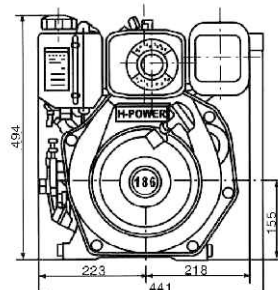
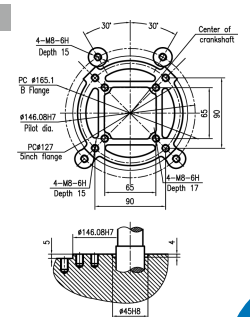
Taper shaft



PTO Flange



PTO Flange



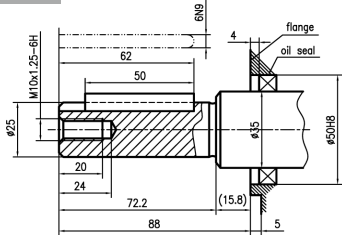
CRANKSHAFT OUTPUT

Model	HP170F(E)	HP173F(E)	HP178F(E)	HP186FA(E)	HP188F(E)	HP188FC(E)	HP192F(E)	HP192FC(E)	HP195F(E)	HP195FC(E)
Type	Single-cylinder、Vertical、4-stroke、Air-cooled、Diesel engine									
Bore x stroke(mm)	70×55	73×59	78×62	86×72	88×75	88×78	92×75	92×77	95×75	95×77
Displacement(ml)	211	247	296	418	456	474	498	512	531	546
Compression ratio	19: 1					20:1				
Rated speed(rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Rated output(kw)	2.5	2.8	3.6	3.9	3.68	4.0	5.9	6.5	6.7	7.5
Max.output(kw)	2.8	3.1	3.9	4.2	4.0	4.4	6.5	7.0	7.5	8.0
Fuel consumption(G/kw・h)	< 295			< 280		< 270				
Starting fashion	Manual or Electric Start									
Fuel tank capacity(L)	2.5		3.5		5.5		5.5			
Oil capacity(L)	0.75		1.1		1.65		1.7			
Fuel type	0#(Summer)、-10#(Winter) diesel									
Oil type	10W/30SAE									
Continuous running Time(h)	3.0	2.5	3.0	2.5	2.5	2.0	2.5	2.0	2.5	2.0
Dimension L×W×H(mm)	415×385×470			480×465×525		510×475×565				
N.W./G.W.(kg)	25/30		31/36		48/53		50/55		51/56	53/56
									55/60	56/59



HP1100F(E)
HP1103F(E)

Keyway shaft





HP1105F(E)
HP1115F(E)
HP1118F(E)



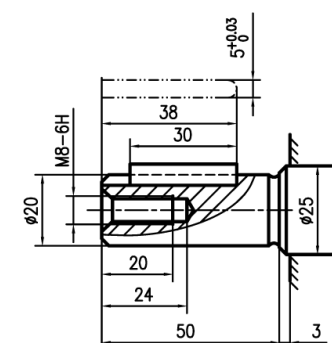
HP170FS(E)
HP178FS(E)



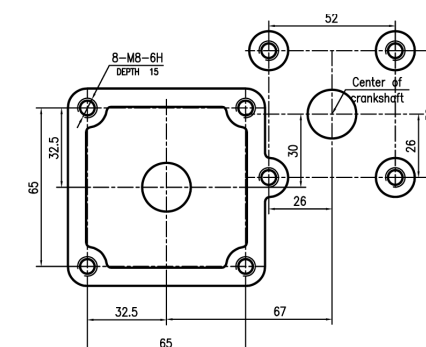
CRANKSHAFT OUTPUT

Model	HP1100F(E)		HP1103F(E)		HP1105F(E)		HP1115F(E)		HP1118F(E)	
Type	Single-cylinder、Vertical、4-stroke、Air-cooled、Diesel engine									
Bore × stroke(mm)	100×84		103×88		105×88		115×88		118×91	
Displacement(ml)	660		733		762		914		995	
Compression ratio	19: 1		19: 1		19: 1		18.5: 1			
Rated speed(rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Rated output(kw)	9. 2	9.8	10	10.5	11.5	12.5	14	14.5	16	16.5
Max.output(kw)	9. 8	10.5	11	11.2	12.2	13.2	15	15.5	17	17.5
Fuel consumption(G/kw · h)	< 270									
Starting fashion	Electric Start									
Fuel tank capacity(L)	—		—		—		—		—	
Oil capacity(L)	2.5		2.5		2.5		2.5		2.5	
Fuel type	0#(Summer)、-10#(Winter) diesel									
Oil type	10W/30SAE									
Continuous running Time(h)	—									
Dimension L × W × H(mm)	510×500×590				510×500×590		545×470×695			
N.W./G.W.(kg)	60/65				61/66		77/83		79/85	

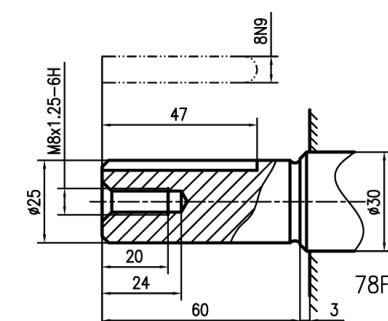
Keyway shaft 170FS(E)



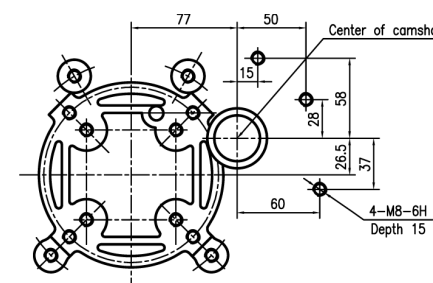
PTO Flange 170FS(E)



Keyway shaft 178FS(E)



PTO Flange 178FS(E)





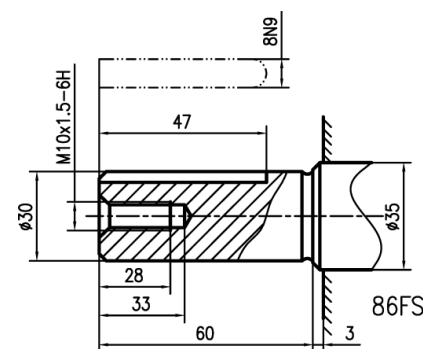
HP186FAS(E)



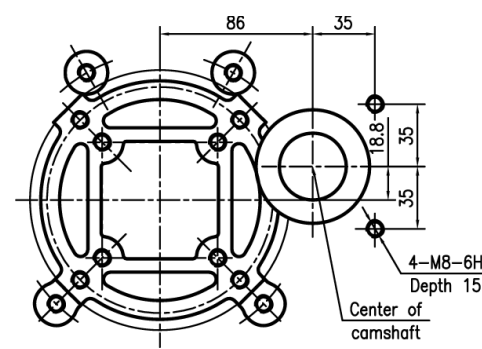
**HP188FS(E)
HP192FS(E)**



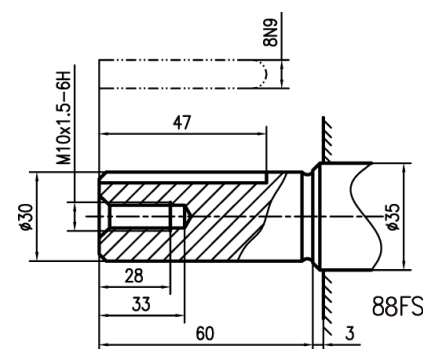
Keyway shaft 186FS(E)



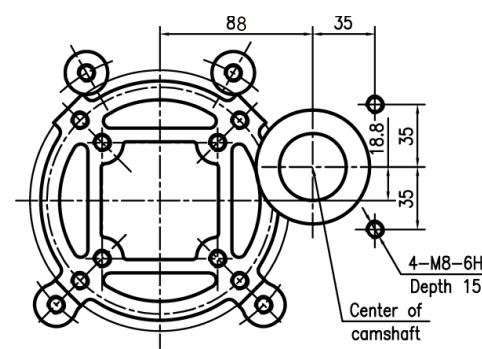
PTO Flange 186FS(E)



Keyway shaft 188FS(E)



PTO Flange 188FS(E)



CAMSHAFT OUTPUT

Model	HP170FS(E)		HP178FS(E)		HP186FAS(E)		HP188FS(E)		HP192FS(E)	
Type	Single-cylinder、Vertical、4-stroke、air-cooled、Diesel engine									
Bore×stroke(mm)	70×55		78×62		86×72		88×75		92×75	
Displacement(ml)	211		296		418		456		498	
Compression ratio	19: 1									
Rated speed(rpm)	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800
Rated output(kw)	2.5	2.8	3.68	4.0	5.9	6.5	6.7	7.5	7.5	8.2
Max.output(kw)	2.8	3.1	4.0	4.4	6.5	7.0	7.5	8.2	8.2	9.0
Fuel consumption(G/kw・h)	< 295		< 280		< 270					
Starting fashion	Manual or Electric Start									
Fuel tank capacity(L)	2.5		3.5		5.5		5.5			
Oil capacity(L)	0.75		1.1		1.65		1.7			
Fuel type	0#(Summer)、-10#(Winter) diesel									
Oil type	10W/30SAE									
Continuous running Time(h)	3.0	2.5	2.5	2.0	2.5	2.0	2.5	2.0	2.5	2.0
Dimension L×W×H(mm)	415×385×470		480×465×525		510×475×565				510×475×565	
N.W./G.W.(kg)	25/30		31/36		48/53		50/55		51/56	

SPECIAL USED ENGINE

DOUBLE-BEARING IN PTO SIDE

OPTIONAL ENGINE	PHOTO	ADVANTAGE
HP186FA(E) HP188F(E) HP195FE HP1100FE HP1105FE		• Used for High suction pump Pulley-drive equipment Light construction machine • Less abrasion for crankshaft

HIGH ALTITUDE AREA

OPTIONAL ENGINE	IMPROVEMENT	ADVANTAGE
HP186FA(E) HP188F(E) HP195FE	• Big air filter • Combostion chamber changed • Smaller fuel supply angle • Better fuel controller	• Easy for start • Keep the original output • Sufficient burning

OIL COOLING SYSTEM

MODEL	PHOTO	ADVANTAGE
HP1100FE HP1103FE HP1105FE		• Good for heat dissipation • Durable use for engine



- MECHANICAL PUMP
- ELECTRIC CONTROL PUMP

WATER-COOLED

Model	HP2V80	
Type	V-twin, 4-stroke, water-cooled, diesel engine	
Bore × stroke(mm)	2-80 × 79	
Displacement(ml)	794	
Compression ratio	20:1	
Rated speed(rpm)	3000	3600
Rated output(kw)	12.0	14.0
Max.output(kw)	13.2	15.4
Fuel consumption(g/kw · h)	285	320
Starting fashion	Electric Start	
Fuel tank capacity(L)	/	
Oil capacity(L)	2.3	
Fuel type	0#(Summer), -10#(Winter) diesel	
Oil type	10W/30SAE	
Continuous running time(h)	6.5	6.0
Dimension L × W × H(mm)	616 × 486 × 528	
N.W./G.W.(kg)	58/68	

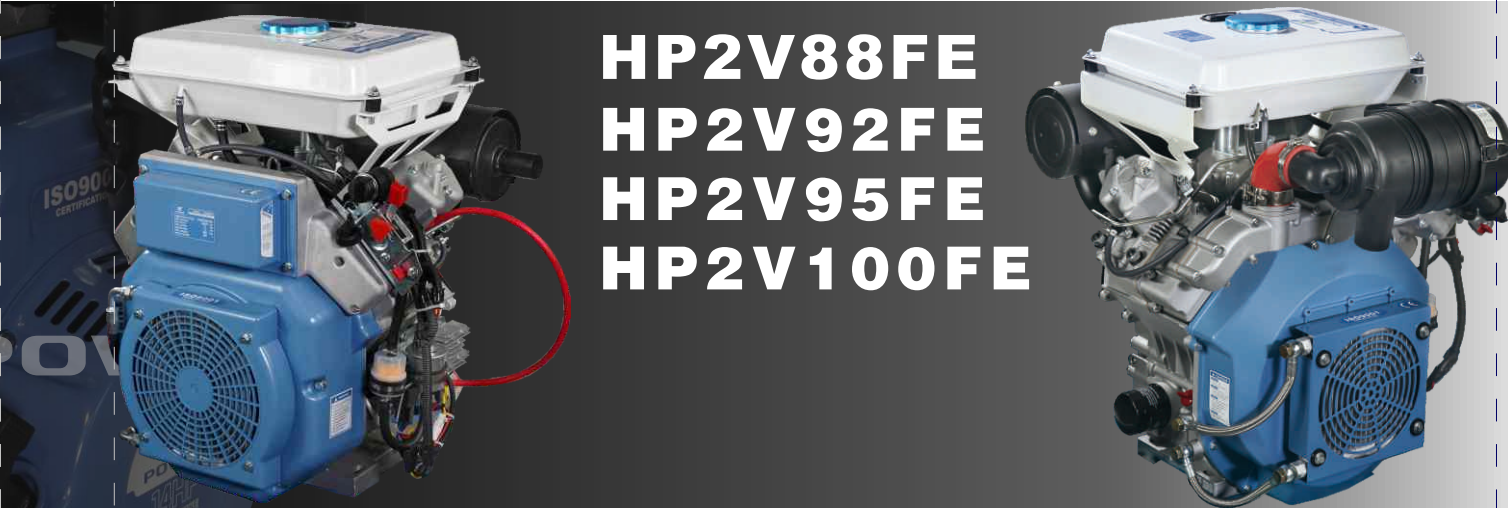


HP292FE
HP295FE

**AIR-COOLED
IN-LINE ENGINE**

- **COMPACT STRUCTURE**
- **SMALL SIZE**
- **HIGH STRENGTH**

Model	HP292FE		HP295FE	
Type	In-line 、 4-stroke、 air-cooled、 diesel engine			
Bore × stroke(mm)	2-92×75		2-95×78	
Displacement(ml)	997		1105	
Compression ratio	20:1		20:1	
Rated speed(rpm)	3000	3600	3000	3600
Rated output(kw)	13.0	14.0	15.8	16.0
Max.output(kw)	14.0	15.0	16.8	17.0
Fuel consumption(g/kw · h)	260	280	280	300
Starting fashion	Electric Start		Electric Start	
Fuel tank capacity(L)	/		/	
Oil capacity(L)	2.5		2.3	
Fuel type	0#(Summer)、 -10#(Winter) diesel			
Oil type	10W/30SAE		10W/30SAE	
Continuous running time(h)	/		/	
Dimension L × W × H(mm)	660×560×740		660×560×740	
N.W./G.W.(kg)	78/85		85/95	



HP2V88FE
HP2V92FE
HP2V95FE
HP2V100FE

**AIR-COOLED
V-TYPE ENGINE**

- **BIG OUTPUT**
- **SIMPLE STRUCTURE**
- **EASY MAINTENANCE**

Model	HP2V88FE		HP2V92FE		HP2V95FE		HP2V100FE	
Type	V-twin、4-stroke、air-cooled、diesel engine							
Bore × stroke(mm)	2-88×79		2-92×75		2-95×88		2-100×85	
Displacement(ml)	961		997		1247		1335	
Compression ratio	19:1		20:1		20:1		20:1	
Rated speed(rpm)	3000	3600	3000	3600	3000	3600	3000	3000
Rated output(kw)	12	13	14.8	16.0	18.0	19.0	19.5	20.5
Max.output(kw)	13	14	16.0	17.0	20.0	21.0	21	22
Fuel consumption(g/kw · h)	260	270	260	280	280	300	300	320
Starting fashion	Electric Start		Electric Start		Electric Start		Electric Start	
Fuel tank capacity(L)	/		/		/		/	
Oil capacity(L)	2.8		2.5		2.3		3	
Fuel type	0#(Summer)、-10#(Winter) diesel							
Oil type	10W/30SAE		10W/30SAE		10W/30SAE		10W/30SAE	
Continuous running time(h)	/		/		/		/	
Dimension L × W × H(mm)	620×620×780		620×620×780		620×620×780		730×700×845	
N.W./G.W.(kg)	78/88		80/90		84/94		107/117	

**HP4000ILN
HP6000ILN
HP7000ILN**



**HP9000ILN
HP9800ILN
HP15000ILN**



Type		HP4000ILN		HP6000ILN		HP7000ILN	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kw)	3.0	3.5	5.5	6.0	7.0	7.5
	Max.output (kw)	3.5	4.0	6.0	6.5	7.5	8.0
	Rated voltage (V)	110、120、220、230、240					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	1.0					
Engine	Model	HP178FE		HP188FE		HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Silent type diesel generator					
	Fuel tank capacity (L)	12.5					
	Continuous running time (h)	8.5	7.5	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	100/105		110/115		115/125	
	Dimension L×W×H (mm)	770×540×600					
	Package size L×W×H (mm)	795×565×715					

Type		HP9000ILN		HP9800ILN		HP15000ILN	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kw)	8.0	8.5	9.0	9.5	12	13.1
	Max.output (kw)	8.5	9.0	9.6	10.0	13.1	14
	Rated voltage (V)	110、120、220、230、240					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	1.0					
Engine	Model	HP1100FE		HP1105FE		HP2V95FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Silent type diesel generator					
	Fuel tank capacity (L)	24					
	Continuous running time (h)	6.0	5.0	6.0	5.0	6.0	5.0
	N.W./G.W.(kg)	137/147		138/148		158/168	
	Dimension L × W × H (mm)	820×600×785		820×600×785		930×680×785	
	Package size L × W × H (mm)	840×620×885		840×620×885		950×700×885	

HP4000ILN-3
HP6800ILN-3
HP7000ILN-3



**Full Power On the
Single Phase Outlet**



Type		HP4000ILN-3		HP6800ILN-3		HP7000ILN-3	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kva)	3.8	4.4	6.8	7.6	8.8	9.4
	Max.output (kva)	4.4	5.0	7.6	8.1	9.4	10
	Rated voltage (V)	220/380、230/400					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	0.8					
Engine	Model	HP178FE		HP188FE		HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Silent type diesel generator					
	Fuel tank capacity (L)	12.5					
	Continuous running time (h)	8.5	7.5	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	100/105		110/115		115/125	
	Dimension L×W×H (mm)	770×540×600					
	Package size L×W×H (mm)	795×565×715					

HP9000ILN-3
HP9800ILN-3
HP15000ILN-3



**Full Power On the
Single Phase Outlet**



Type		HP9000ILN-3		HP9800ILN-3		HP15000ILN-3	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kva)	10	10.5	11	12	15	16.2
	Max.output (kva)	10.5	11	12	12.5	16.2	17.5
	Rated voltage (V)	220/380、230/400					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	0.8					
Engine	Model	HP1100FE		HP1105FE		HP2V95FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Open type diesel generator					
	Fuel tank capacity (L)	24					
	Continuous running time (h)	6.0	5.0	6.0	5.0	6.0	5.0
	N.W./G.W.(kg)	150/160		165/175		200/220	
	Dimension L × W × H (mm)	940×640×785		940×640×785		1080×700×850	
	Package size L × W × H (mm)	960×660×885		960×660×885		1100×720×950	

**HP4000ICXE
HP6000ICXE
HP7000ICXE**



Type		HP4000ICXE		HP6000ICXE		HP7000ICXE	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kw)	3.0	3.5	5.5	6.0	7.0	7.5
	Max.output (kw)	3.5	4.0	6.0	6.5	7.5	8.0
	Rated voltage (V)	110、120、220、230、240					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	1.0					
Engine	Model	HP178FE		HP188FE		HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Open type diesel generator					
	Fuel tank capacity (L)	14.5					
	Continuous running time (h)	8.5	7.5	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	60/70		75/85		80/90	
	Dimension L×W×H (mm)	615×510×570		670×510×615			
	Package size L×W×H (mm)	640×535×585		695×535×625			

**HP9000ICXE
HP9800ICXE
HP15000ICXE**



Type		HP9000ICXE		HP9800ICXE		HP15000ICXE	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kw)	8.0	8.5	9.0	9.5	12	13.1
	Max.output (kw)	8.5	9.0	9.6	10.0	13.1	14
	Rated voltage (V)	110、120、220、230、240					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos ϕ)	1.0					
Engine	Model	HP1100FE		HP1105FE		HP2V95FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Open type diesel generator					
	Fuel tank capacity (L)	24					
	Continuous running time (h)	6.0	5.0	6.0	5.0	6.0	5.0
	N.W./G.W.(kg)	137/147		138/148		158/168	
	Dimension L × W × H (mm)	820×600×785		820×600×785		930×680×785	
	Package size L × W × H (mm)	840×620×885		840×620×885		950×700×885	

HP4000ICXE-3
HP6800ICXE-3
HP7000ICXE-3



**Full Power On the
Single Phase Outlet**

Type		HP4000ICXE-3		HP6800ICXE-3		HP7000ICXE-3	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kva)	3.8	4.4	6.8	7.6	8.8	9.4
	Max.output (kva)	4.4	5.0	7.6	8.1	9.4	10
	Rated voltage (V)	220/380、230/400					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos ϕ)	0.8					
Engine	Model	HP178FE		HP188FE		HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Silent type diesel generator					
	Fuel tank capacity (L)	12.5					
	Continuous running time (h)	8.5	7.5	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	100/105		110/115		115/125	
	Dimension L×W×H (mm)	770×540×600					
	Package size L×W×H (mm)	795×565×715					

HP9000ICXE-3
HP9800ICXE-3
HP15000ICXE-3



**Full Power On the
Single Phase Outlet**



Type		HP9000ICXE-3		HP9800ICXE-3		HP15000ICXE-3	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kva)	10	10.5	11	12	15	16.2
	Max.output (kva)	10.5	11	12	12.5	16.2	17.5
	Rated voltage (V)	220/380、 230/400					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos ϕ)	0.8					
Engine	Model	HP1100FE		HP1105FE		HP2V95FE	
	Type	Single-cylinder、 4-stroke、 vertical、 air-cooled、 diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Open type diesel generator					
	Fuel tank capacity (L)	24					
	Continuous running time (h)	6.0	5.0	6.0	5.0	6.0	5.0
	N.W./G.W.(kg)	137/147		138/148		158/168	
	Dimension L × W × H (mm)	820×600×785		820×600×785		930×680×785	
	Package size L × W × H (mm)	840×620×885		840×620×885		950×700×885	

HP4000ICXE
HP6000ICXE
HP7000ICXE



Economical Type

Type		HP4000ICXE		HP6000ICXE		HP7000ICXE	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kw)	3.0	3.5	5.5	6.0	7.0	7.5
	Max.output (kw)	3.5	4.0	6.0	6.5	7.5	8.0
	Rated voltage (V)	110、120、220、230、240					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	1.0					
Engine	Model	HP178FE		HP188FE		HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Open type diesel generator					
	Fuel tank capacity (L)	12.5					
	Continuous running time (h)	8.5	7.5	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	60/70		75/85		80/90	
	Dimension L×W×H (mm)	615×510×570		670×510×615			
	Package size L×W×H (mm)	640×535×585		695×535×625			

HP4000ICXE-3
HP6800ICXE-3
HP7000ICXE-3



Full Power On the Single Phase Outlet

Type		HP4000ICXE-3		HP6800ICXE-3		HP7000ICXE-3	
Inverter	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (kva)	3.8	4.4	6.8	7.6	8.8	9.4
	Max.output (kva)	4.4	5.0	7.6	8.1	9.4	10
	Rated voltage (V)	220/380、230/400					
	Distortion of waveform	THD≤3%					
	Short-circuit protection	Cut the output in 1S					
	High-voltage test	Withstand 1.2KVA voltage at the output end and housing in 5S,leak current <5mA					
	Power factor (cos φ)	0.8					
Engine	Model	HP178FE		HP188FE		HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Open type diesel generator					
	Fuel tank capacity (L)	12.5					
	Continuous running time (h)	8.5	7.5	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	60/70		75/85		80/90	
	Dimension L×W×H (mm)	615×510×570		670×510×615			
	Package size L×W×H (mm)	640×535×585		695×535×625			



**HP6700LN-3
HP6700SN
HP6500CXE-3**



**Full Power On the
Single Phase Outlet**

Type		HP6700LN-3		HP6700SN		HP6500CXE-3	
Alternator	Rated frequency (Hz)	50		50		50	
	Rated output (kw)	3.0kW/230V 4.2kW/400V		4.6kW		3.0kW/230V 4.2kW/400V	
	Max.output (kw)	3.3kW/230V 5.0kW/400V		5.0kW		3.3kW/230V 5.0kW/400V	
	Rated voltage (V)	230V/400V		230V		230V/400V	
	Power factor (cos φ)	0.8		1.0		0.8	
Engine	Model	HP186FAE					
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine					
	Starting fashion	Electric Start					
Generator Set	Type	Silent type diesel generator				Open type diesel generator	
	Fuel tank capacity (L)	14.5				12.5	
	Continuous running time (h)	7.5	6.3	7.5	6.3	6.5	5.5
	N.W./G.W.(kg)	153/158		158/163		115/118	
	Dimension L×W×H (mm)	910×520×700		900×580×705		720×480×585	
	Package size L×W×H (mm)	940×540×765		910×590×790		740×495×670	

**HP8500WLN
HP8500WLN-3**



**High Speed, Water Cooled
Diesel Engine HP192WE**

Type		HP8500WLN		HP8500WLN-3	
Alternator	Rated frequency (Hz)	50	60	50	60
	Rated output	6.0kw	6.2kw	7.5kva	8.0kva
	Max.output	6.5kw	6.7kw	8.0kva	8.5kva
	Rated voltage (V)	220、230、240、110/220、120/240		220/380 230/400	
	Power factor (cos φ)	1.0		0.8	
Engine	Model	HP192WE			
	Type	Single-cylinder、4-stroke、vertical、water-cooled、diesel engine			
	Starting fashion	Electric Start			
Generator Set	Fuel tank capacity (L)	24			
	Continuous running time (h)	7.5	6.3	7.5	6.3
	N.W./G.W.(kg)	180/188		185/195	
	Dimension L×W×H (mm)	1130×670×890			
	Package size L×W×H (mm)	1155×695×1015			

CANOPY FOR DIESEL GENERATOR/SILENT TYPE

TYPE	PHOTO	OPTIONAL ENGINE
A		HP186FAE HP188FE
B		HP178F HP186FAE HP188FE HP192FE HP195FE
C		HP186FAE HP188FE HP192FE HP195FE
D		HP186FAE HP188FE HP192FE HP195FE
E		HP186FAE HP188FE HP192FE HP195FE

CANOPY FOR DIESEL GENERATOR/SILENT TYPE

TYPE	PHOTO	OPTIONAL ENGINE
F		HP186FAE HP188FE HP192FE HP195FE HP1100FE HP1103FE
G		HP1100FE HP1103FE HP1105FE
H		HP1100FE
I		HP1100FE HP1103FE HP1105FE HP292FE HP295FE HP2V92FE HP2V95FE
J		HP2V80FE HP292FE HP295FE HP2V92FE HP2V95FE



Type		HP6700LN		HP7500LN		HP8000LN		HP8500LN			HP9000LN		HP9500LN		HP9800LN		HP12000LN		HP14000LN		
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60		50	60	50	60	50	60	50	60	50	60	
	Rated output (kw)	4.6	5.0	5.0	5.2	6.0	6.2	6.5	6.8		8.0	8.5	9.0	9.5	10	11	12	13	14	15	
	Max.output (kw)	5.0	5.5	5.5	5.7	6.5	6.7	7.0	7.3		8.5	8.8	9.5	9.8	11	12	13	14	15	16	
	Rated voltage (V)	110、115、120、220、230、240、110/220、115/230、120/240																			
	Power factor (cos φ)	1.0																			
Engine	Model	HP186FAE		HP188FE		HP192FE		HP195FE			HP1100FE		HP1103FE		HP1105FE		HP1115FE		HP1118FE		
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine																			
	Starting fashion	Electric Start																			
Generator Set	Fuel tank capacity (L)	14.5				24				24											
	Continuous running time (h)	7.5	6.3	7.5	6.3	8.0	7.0	8.0	7.0		8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	
	N.W./G.W.(kg)	153/158		155/161		180/188		190/200			210/220		220/230		230/240		280/290		285/295		
	Dimension L×W×H (mm)	910×520×700		910×520×700		910×520×800		1080×620×720			1080×640×720		1080×700×800		1080×700×800		1103×700×800		1103×700×800		
	Package size L×W×H (mm)	940×540×765		940×540×765		940×540×865		1130×650×890			1130×670×890		1130×720×920		1130×720×920		1130×720×920		1130×720×920		



HP4000CX(E)
HP6500CX(E)
HP7500CX(E)
HP8000CXE

HP8500CXE
HP9000CXE
HP9500CXE
HP9800CXE
HP12000CXE
HP14000CXE



•25Square Tube
•32Square Tube



GENERAL TYPE

LUXURY TYPE

Type		HP4000CX(E)		HP6500CX(E)		HP7500CX(E)		HP8000CXE		HP8500CXE		HP9000CXE		HP9500CXE		HP9800CXE		HP12000CXE		HP14000CXE	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
	Rated output (kw)	2.8	3.0	4.6	5.0	5.0	5.2	6.0	6.2	6.5	6.8	8.0	8.5	9.0	9.5	10	11	12	13	14	15
	Max.output (kw)	3.0	3.3	5.0	5.5	5.5	5.7	6.5	6.7	7.0	7.3	8.5	8.8	9.5	9.8	11	12	13	14	15	16
	Rated voltage (V)	110、115、120、220、230、240、110/220、115/230、120/240										110、115、120、220、230、240、110/220、115/230、120/240									
	Power factor (cos ϕ)	1.0										1.0									
Engine	Model	HP178F(E)		HP186FA(E)		HP188F(E)		HP192FE		HP195FE		HP1100FE		HP1103FE		HP1105FE		HP1115FE		HP1118FE	
	Type	Single–cylinder、4–stroke、vertical、air–cooled、diesel engine										Single–cylinder、4–stroke、vertical、air–cooled、diesel engine									
	Starting fashion	Manual or Electric Start						Electric Start						Electric Start							
Generator Set	Fuel tank capacity (L)	12.5						12.5						30.0		30.0		30.0		30.0	
	Continuous running time (h)	9.0	8.0	6.5	5.5	6.5	5.5	6.5	5.5	7.5	6.3	6.5	5.5	9.5	8.5	9.5	8.5	9.5	8.5	9.5	8.5
	N.W./G.W.(kg)	95/98		115/118		116/119		121/124		125/130		135/145		138/148		150/160		160/170		170/180	
	Dimension L × W × H (mm)	680 × 480 × 550		720 × 480 × 585		720 × 480 × 585		720 × 480 × 585		720 × 480 × 700		770 × 540 × 680		800 × 580 × 690		800 × 580 × 690		880 × 680 × 820		880 × 680 × 820	
	Package size L × W × H (mm)	690 × 490 × 570		740 × 495 × 600		740 × 495 × 600		740 × 495 × 600		740 × 495 × 740		790 × 560 × 780		820 × 600 × 790		820 × 600 × 790		900 × 700 × 920		900 × 700 × 920	

HP6500CXE-3
HP7500CXE-3
HP8000CXE-3
HP8500CXE-3
HP9000CXE-3
HP9500CXE-3

HP6700LN-3
HP7500LN-3
HP8000LN-3
HP8500LN-3
HP9000LN-3
HP9500LN-3



Full Power On the Single Phase Outlet



Full Power On the Single Phase Outlet

Type		HP6500CXE-3		HP7500CXE-3		HP8000CXE-3		HP8500CXE-3		HP9000CXE-3		HP9500CXE-3	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60
	Rated output (kva)	5.5	6.0	6.5	7.2	7.5	8.0	8.0	8.5	10.0	10.5	11.0	11.5
	Max.output (kva)	6.0	6.5	7.2	7.7	8.0	8.5	8.5	9.0	10.5	11.0	11.5	12.0
	Rated voltage (V)	220/380、230/400											
	Power factor (cos φ)	0.8											
Engine	Model	HP186FAE		HP188FE		HP192FE		HP195FE		HP1100FE		HP1103FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine											
	Starting fashion	Electric Start											
Generator Set	Fuel tank capacity (L)	12.5										30.0	
	Continuous running time (h)	7.5	6.3	7.5	6.3	7.5	6.3	7.5	6.3	6.5	5.5	9.0	8.0
	N.W./G.W.(kg)	115/118		116/119		121/124		125/130		135/145		169/179	
	Dimension L×W×H (mm)	720×480×585		720×480×585		720×480×585		720×480×700		770×540×680		800×580×690	
	Package size L×W×H (mm)	740×495×600		740×495×600		740×495×600		740×495×740		790×560×780		820×600×790	

Type		HP6700LN-3		HP7500LN-3		HP8000LN-3		HP8500LN-3		HP9000LN-3		HP9500LN-3	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60
	Rated output (kva)	5.5	6.0	6.5	7.2	7.5	8.0	8.0	8.5	10.0	10.5	11.0	11.5
	Max output (kva)	6.0	6.5	7.2	8.0	8.0	8.5	8.5	9.0	10.5	11.0	11.5	12.0
	Rated voltage (V)	220/380、230/400											
	Power factor (cos ϕ)	0.8											
Engine	Model	HP186FAE		HP188FE		HP192FE		HP195FE		HP1100FE		HP1103FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine											
	Starting fashion	Electric Start											
Generator Set	Fuel tank capacity (L)	14.5				24		24		24		24	
	Continuous running time (h)	7.5	6.3	7.5	6.3	7.5	6.3	7.5	6.3	7.5	6.3	7.5	6.3
	N.W./G.W.(kg)	153/158		155/161		180/188		190/200		210/220		220/230	
	Dimension L × W × H (mm)	910 × 520 × 700		910 × 520 × 700		910 × 520 × 790		1080 × 620 × 720		1080 × 620 × 720		1080 × 700 × 800	
	Package size L × W × H (mm)	940 × 540 × 765		940 × 540 × 765		940 × 540 × 865		1130 × 670 × 890		1130 × 670 × 890		1130 × 720 × 920	



AIR-COOLED DIESEL ENGINE IN-LINE ENGINE

Type		HP13000LN		HP13000LN-3		HP15000LN		HP15000LN-3	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output	11.0kw	11.5kw	13.7kva	14.3kva	13.0kw	13.5kw	16.2kva	16.8kva
	Max.output	12.0kw	12.5kw	15.0kva	15.6kva	14.0kw	14.5kw	17.5kva	18.1kva
	Rated voltage (V)	220 、 230		220/380、 230/400		220 、 230		220/380、 230/400	
	Power factor (cos φ)	1.0		0.8		1.0		0.8	
Engine	Model	HP292FE				HP295FE			
	Type	In-line , 4–stroke, air–cooled, diesel engine							
	Starting fashion	Electric Start							
Generator Set	Fuel tank capacity (L)	35							
	Continuous running time (h)	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
	N.W./G.W.(kg)	300/310		305/315		315/330		320/335	
	Dimension L × W × H (mm)	1260 × 660 × 760		1260 × 660 × 760		1260 × 660 × 760		1260 × 660 × 760	
	Package size L × W × H (mm)	1300 × 690 × 880		1300 × 690 × 880		1300 × 690 × 880		1300 × 690 × 880	

AIR-COOLED DIESEL ENGINE IN-LINE ENGINE

Type		HP13000CXE		HP13000CXE-3		HP15000CXE		HP15000CXE-3	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output	11.0kw	11.5kw	13.7kva	14.3kva	13.0kw	13.5kw	16.2kva	16.8kva
	Max.output	12.0kw	12.5kw	15.0kva	15.6kva	14.0kw	14.5kw	17.5kva	18.1kva
	Rated voltage (V)	220 、 230		220/380、 230/400		220 、 230		220/380、 230/400	
	Power factor (cos ϕ)	1.0		0.8		1.0		0.8	
Engine	Model	HP292FE		HP292FE		HP295FE		HP295FE	
	Type	In-line、 4-stroke、 air-cooled、 diesel engine							
	Starting fashion	Electric Start							
Generator Set	Fuel tank capacity (L)	30							
	Continuous running time (h)	8.0/7.0							
	N.W./G.W.(kg)	150/160		155/165		158/168		163/173	
	Dimension L × W × H (mm)	1000×660×755							
	Package size L × W × H (mm)	1025×685×870							



HP12000LNV
HP13000LNV
HP15000LNV
HP18000LNV

AIR-COOLED DIESEL ENGINE
V-TYPE ENGINE

Type		HP12000LNV		HP13000LNV		HP15000LNV		HP18000LNV	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output (kw)	9.5	10.5	11.0	11.5	13.0	13.5	16	17
	Max.output (kw)	10.5	11.5	12.0	12.5	14.0	14.5	17	18
	Rated voltage (V)	220 、 230		220 、 230		220 、 230		220/230	
	Power factor (cos ϕ)	1.0		1.0		1.0		1.0	
Engine	Model	HP2V88FE		HP2V92FE		HP2V95FE		HP2V100FE	
	Type	V–twin、 4–stroke、 air–cooled、 diesel engine							
	Starting fashion	Electric Start							
Generator Set	Fuel tank capacity (L)	35							
	Continuous running time (h)	7.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0
	N.W./G.W.(kg)	240/265		300/326		300/328		320/345	
	Dimension L × W × H (mm)	1260 × 660 × 760		1260 × 660 × 760		1260 × 660 × 760		1280×630×790	
	Package size L × W × H (mm)	1185×725×855		1310×740×855		1310×740×855		1340×690×875	



HP12000LNV-3
HP13000LNV-3
HP15000LNV-3
HP18000LNV-3

AIR-COOLED DIESEL ENGINE
V-TYPE ENGINE

Type		HP12000LNV-3		HP13000LNV-3		HP15000LNV-3		HP18000LNV-3	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output(kva)	11..8	12.8	13.7	14.3	16.2	16.8	20	21
	Max.output(kva)	12.8	13.8	15.0	15.6	17.5	18.1	21	22
	Rated voltage (V)	220/380、230/400		220/380、230/400		220/380、230/400		220/380、230/400	
	Power factor (cos ϕ)	0.8		0.8		0.8		0.8	
Engine	Model	HP2V88FE		HP2V92FE		HP2V95FE		HP2V100FE	
	Type	V–twin、4–stroke、air–cooled、diesel engine							
	Starting fashion	Electric Start							
Generator Set	Fuel tank capacity (L)	35							
	Continuous running time (h)	7.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0
	N.W./G.W.(kg)	240/265		300/326		300/328		320/345	
	Dimension L × W × H (mm)	1260 × 660 × 760		1260 × 660 × 760		1260 × 660 × 760		1280×630×790	
	Package size L × W × H (mm)	1185×725×855		1310×740×855		1310×740×855		1340×690×875	

HP12000CXEV
HP13000CXEV
HP15000CXEV
HP18000CXEV



HP12000CXEV-3
HP13000CXEV-3
HP15000CXEV-3
HP18000CXEV-3



AIR-COOLED DIESEL ENGINE V-TYPE ENGINE

Type		HP12000CXEV		HP13000CXEV		HP15000CXEV		HP18000XEV	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output (kw)	9.5	10.5	11.0	11.5	13.0	13.5	16	17
	Max.output (kw)	10.5	11.5	12.0	12.5	14.0	14.5	17	18
	Rated voltage (V)	220 、 230		220 、 230		220 、 230		220 、 230	
	Power factor (cos φ)	1.0		1.0		1.0		1.0	
Engine	Model	HP2V88FE		HP2V92FE		HP2V95FE		HP2V100FE	
	Type	V-twin、 4-stroke、 air-cooled、 diesel engine							
	Starting fashion	Electric Start							
Generator Set	Fuel tank capacity (L)	30.0							
	Continuous running time (h)	8.0/7.0							
	N.W./G.W.(kg)	200/220		220/240		222/242		280/306	
	Dimension L × W × H (mm)	1000×660×755						1050×710×880	
	Package size L × W × H (mm)	1050×710×880						1155×790×990	

AIR-COOLED DIESEL ENGINE V-TYPE ENGINE

Type		HP12000CXEV-3		HP13000CXEV-3		HP15000CXEV-3		HP18000XEV-3	
Alternator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output (kva)	9.5	10.5	13.7	14.3	16.2	16.8	20	21
	Max.output(kva)	10.5	11.5	15.0	15.6	17.5	18.1	21	22
	Rated voltage (V)	220/380、 230/400		220/380、 230/400		220/380、 230/400		220/380 、 230/400	
	Power factor (cos φ)	0.8		0.8		0.8		0.8	
Engine	Model	HP2V88FE		HP2V92FE		HP2V95FE		HP2V100FE	
	Type	V-twin、 4-stroke、 air-cooled、 diesel engine							
	Starting fashion	Electric Start							
Generator Set	Fuel tank capacity (L)	30.0							
	Continuous running time (h)	8.0/7.0							
	N.W./G.W.(kg)	200/220		220/240		222/242		280/306	
	Dimension L × W × H (mm)	1000×660×755						1050×710×880	
	Package size L × W × H (mm)	1050×710×880						1155×790×990	

HP10000LN
HP10000LN-3



- MECHANICAL PUMP
- ELECTRIC CONTROL PUMP

WATER-COOLED DIESEL ENGINE

Type		HP10000LN		HP10000LN-3	
Alternator	Rated frequency (Hz)	50	60	50	60
	Rated output	8.5kw	9.5kw	10.6kva	11.8kva
	Max.output	10.0kw	11.0kw	12.5kva	13.7kva
	Rated voltage (V)	220 、 230		220/380、 230/400	
	Power factor (cos ϕ)	1.0		0.8	
Engine	Model	HP2V80			
	Type	V–twin,4–stroke, Water–cooled,diesel engine			
	Starting fashion	Electric Start			
Generator Set	Fuel tank capacity (L)	32L			
	Continuous running time (h)	10.0	9.0	10.0	9.0
	N.W./G.W.(kg)	275/297		277/299	
	Dimension L × W × H (mm)	1210×680×800		1210×680×800	
	Package size L × W × H (mm)	1310×720×860		1310×720×860	

HP6500 CXE-W
HP6700 LN-W
HP9000CXE-W
HP13000CXE-W



2 POLES ALTERNATOR

Type		HP6500 CXE-W		HP6700 LN-W		HP9000CXE-W		HP9000LN-W	
Generator	Rated frequency (Hz)	50	60	50	60	50	60	50	60
	Rated output (kw)	4.5	5.0	4.5	5.0	5.5	6.0	5.5	6.0
	Rated voltage (V)	220、230、240							
	Power factor (cos ϕ)	1.0							
Welder	Voltage without load (V)	55~65							
	Running voltage (V)	26							
	Rated current (A)	160				200			
	Current adjusting range (A)	50~180				50~230			
	Continuous loading ratio	40%				40%			
	Welding stick (mm)	2~4				2~5			
Engine	Model	HP186FA(E)				HP195FE			
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine							
	Starting fashion	Manual or Electric Start							
Generator Ser	Fuel tank capacity (L)	12.5		14.5		12.5		24	
	Continuous running time (h)	6.5/5.5		7.5/6.3		6.5/5.5		7.5/6.3	
	N.W./G.W.(kg)	117/124		145/155		126/138		190/200	
	Dimension L×W×H (mm)	740×500×635		910×520×740		740×500×635		1080×620×720	
	Package size L×W×H(mm)	750×510×650		940×540×765		760×510×700		1130×670×890	



HP6500CXE-W
HP8500CXE-W
HP9000CXE-W
HP9800CXE-W
HP15000CXE-W



HP6700LN-W
HP8500LN-W
HP9000LN-W
HP9800LN-W
HP15000LN-W



4 POLES ALTERNATOR

Type		HP6500CXE-W		HP8500CXE-W		HP9000CXE-W		HP9800CXE-W		HP15000CXE-W	
Generator	Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60
	Rated output (kw)	2.0	2.2	3.0	3.2	3.5	3.7	4.0	4.2	5.0	5.2
	Rated voltage (V)	220、230、240									
	Power factor (cos φ)	1.0									
Welder	Voltage without load (V)	55~65									
	Running voltage (V)	26									
	Rated current (A)	160	200	230	280	350					
	Current adjusting range (A)	50-180	50-230	50-250	50-300	50-400					
	Continuous loading ratio	40%	40%	40%	40%	40%					
	Welding stick (mm)	2~4	2~5	2~5	2~5	2~5					
	Model	HP186FA(E)	HP195FE	HP1100FE	HP1105FE	HP2V95FE					
Engine	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine									Twin-cylinder
	Starting fashion	Manual or Electric Start									
Generator Ser	Fuel tank capacity (L)	12.5	12.5	12.5	12.5	30.0					
	Continuous running time (h)	6.5/5.5	6.5/5.5	6.5/5.5	6.5/5.5	7.5/6.3					
	N.W./G.W.(kg)	117/124	120/128	126/138	165/175	260/280					
	Dimension L x W x H (mm)	740 x 500 x 635	740 x 500 x 635	740 x 500 x 635	910 x 520 x 740	1260 x 660 x 760					
	Package size L x W x H (mm)	750 x 510 x 650	750 x 510 x 650	760 x 510 x 700	940 x 540 x 765	1300 x 690 x 880					

4 POLES ALTERNATOR

Type		HP6700LN-W		HP8500LN-W		HP9000LN-W		HP9800LN-W		HP15000CLN-W	
Generator	Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60
	Rated output (kw)	2.0	2.2	3.0	3.2	3.5	3.7	4.0	4.2	5.0	5.2
	Rated voltage (V)	220、230、240									
	Power factor (cos φ)	1.0									
Welder	Voltage without load (V)	55~65									
	Running voltage (V)	26									
	Rated current (A)	160	200	230	230	350					
	Current adjusting range (A)	50~180	50~230	50-250	50-300	350-400					
	Continuous loading ratio	40%	40%	40%	40%	40%					
	Welding stick (mm)	2~4	2~5	2~5	2~5	2~5					
	Model	HP186FA(E)	HP195FE	HP1100FE	HP1105FE	HP2V95FE					
Engine	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine									Twin -cylinder
	Starting fashion	Manual or Electric Start									
Generator Ser	Fuel tank capacity (L)	14.5	14.5	24	24	32					
	Continuous running time (h)	6.5/5.5	7.5/6.3	6.5/5.5	6.5/5.5	7.5/6.3					
	N.W./G.W.(kg)	145/155	170/180	190/200	210/220	305/310					
	Dimension L x W x H (mm)	910 x 520 x 740	910 x 520 x 740	1080 x 610 x 780	1080 x 630 x 780	1260 x 660 x 760					
	Package size L x W x H (mm)	940 x 540 x 765	940 x 540 x 840	1100 x 630 x 880	1100 x 650 x 880	1300 x 690 x 880					



HP7000ICXE-W



INVERTER

Type		HP7000ICXE-W	
Generator	Rated frequency (Hz)	50	60
	Rated output (kw)	2.5	3.2
	Rated voltage (V)	220、230、240	
	Power factor (cos φ)	1.0	
Welder	Voltage without load (V)	55~65	
	Running voltage (V)	26	
	Rated current (A)	250	
	Current adjusting range (A)	50-250	
	Continous loading ratio	40%	
	Welding stick (mm)	2~5	
Engine	Model	HP195FE	
	Type	Single-cylinder、4-stroke、vertical、air-cooled、diesel engine	
	Starting fashion	Manual or Electric Start	
Generator Ser	Fuel tank capacity (L)	12.5	
	Continuous running time (h)	6.5/5.5	
	N.W./G.W.(kg)	135/145	
	Dimension L × W × H (mm)	740 × 500 × 635	
	Package size L × W × H(mm)	750 × 510 × 650	



DIESEL GENERATOR SET YUCHAI SERIES

Model	Prime Power		Standby Power		Engine	Dimension	Weight
Open Type	KVA	KW	KVA	KW	Model	MM	KG
YC-20GF	28	22	25	20	YC4V35-D20	1400x650x910	500
YC-24GF	33	26	30	24	YC4V45Z-D20	1440x720x970	550
YC-30GF	41	33	37.5	30	YC4V55Z-D20	1530x680x910	550
YC-40GF	55	44	50	40	YCD4T22D-70	1850x750x1200	600
YC-50GF	68.5	55	62.5	50	YC4D90Z-D25	1850x750x1200	850
YC-64GF	88	70	80	64	YC4A100Z-D25	1900x750x1250	1150
YC-75GF	103	82	94	75	YC4A140L-D25	2050x750x1100	1150
YC-100GF	138	110	125	100	YC4A180L-D20	2050x750x1250	1300
YC-120GF	165	132	150	120	YC6B205L-D20	2400x1000x1600	1700
YC-150GF	206	165	187.5	150	YC6A245L-D21	2900x1000x1400	1950
YC-180GF	248	198	225	180	YC6Q33H6-260	2550x1150x1450	2300
YC-200GF	275	220	250	200	YC6MK350-D20	3010x1000x1820	2300
YC-250GF	343	275	312	250	YC6MK420-D20	3010x1000x1820	2350
YC-300GF	412	330	375	300	YC6MJ500L-D21	3000x1230x1570	2500
YC-350GF	480	385	437	350	YC6T600L-D22	3600x1250x1960	3450
YC-400GF	550	440	500	400	YC6T660L-D20	3600x1250x1960	3470



DIESEL GENERATOR SET
YUCHAI SERIES

Model	Prime Power		Standby Power		Engine	Dimension	Weight
	KVA	KW	KVA	KW	Model	MM	KG
YC-20GFT	28	22	25	20	YC4V35-D20	2000x900x1200	750
YC-24GFT	33	26	30	24	YC4V45Z-D20	2000x900x1200	800
YC-30GFT	41	33	37.5	30	YC4V55Z-D20	2000*900*1250	840
YC-40GFT	55	44	50	40	YCD4T22D-70	2200x900x1250	870
YC-50GFT	68.5	55	62.5	50	YC4D90Z-D25	2400x1000x1250	1100
YC-64GFT	88	70	80	64	YC4A100Z-D25	2400x1000x1300	1400
YC-75GFT	103	82	94	75	YC4A140L-D25	2450x1000x1300	1400
YC-100GFT	138	110	125	100	YC4A180L-D20	2900x1000x1600	1550
YC-120GFT	165	132	150	120	YC6B205L-D20	2900x1070x1670	1810
YC-150GFT	206	165	187.5	150	YC6A245L-D21	3400x1300x1900	1850
YC-180GFT	248	198	225	180	YC6Q33H6-260	3600x1500x2000	2650
YC-200GFT	275	220	250	200	YC6MK350-D20	3700x1300x1950	2700
YC-250GFT	343	275	312	250	YC6MK420-D20	3850x1300x1950	2750
YC-300GFT	412	330	375	300	YC6MJ500L-D21	3850x1300x1950	3200
YC-350GFT	480	385	437	350	YC6T600L-D22	4000x1500x2000	4000
YC-400GFT	550	440	500	400	YC6T660L-D20	4000x1500x2000	4600



HP50D(E)
HP80D(E)
HP100D(E)
HP150D(E)



Type		HP50D(E)	HP80D(E)	HP100D(E)	HP150D(E)
Pump	Inch	2"	3"	4"	6"
	Max.head (m)	26	30	24	22
	Max.suction head(m)	8	8	8	/
	Max.capacity (m³/h)	30	50	96	135
	Self-priming time (s/4m)	80	120	180	/
Engine	Model	HP170F(E)	HP178(E)	HP186FA(E)	HP192F(E)
	Type	Single cylinder、4-stroke、air-cooled、vertical、diesel engine			
	Starting fashion	Manual or electric start			
	Fuel tank capacity (L)	2.5	3.5	5.5	5.5
Pump Set	Continuous running time (h)	2.5	2.0	2.0	2.0
	N.W./G.W.(kg)	35/38	54/57	60/64	131/141
	Dimension L×W×H(mm)	490×410×510	570×450×550	645×470×600	900×630×860
	Package size L×W×H(mm)	510×440×540	580×460×590	665×480×640	920×650×950

HP200DE

HP50DI(E)
HP80DI(E)
HP100DI(E)
HP150DIE

CAST IRON

Cast Iron Pump with Pulley

Type		HP200DE
Pump	Inch	8"
	Max.head (m)	28
	Max.suction head(m)	5
	Max.capacity (m³/h)	240
	Self-priming time (s/4m)	180
Engine	Model	HP2V95FE
	Type	V-twin
	Starting fashion	Electric start
	Fuel tank capacity (L)	60
Pump Set	Continuous running time (h)	12
	N.W./G.W.(kg)	280/310
	Dimension L x W x H(mm)	1750×1300×1300
	Package size L x W x H(mm)	1290×1270×1430

Model	Inlet(inch)	Outlet(inch)	Speed(RPM)	Head(M)	Max.flow(L/min)
2H	2	2	3600	70	450
3H	3	3	3600	75	680
4×3	4	3	3600	45	1450
4×4	4	4	3600	40	1566

Type		HP50DI(E)	HP80DI(E)	HP100DI(E)	HP150DIE
Pump	Inch	2"	3"	4"	6"
	Max.head (m)	68	70	40	38
	Max.suction head(m)	7	7	7	7
	Max.capacity (m³/h)	27	41	130	205
Engine	Model	HP178F(E)	HP186FA(E)	HP192F(E)	HP295FE
	Type	Single cylinder、4-stroke、air-cooled、vertical、 diesel engine			In-line,Twin
	Starting fashion	Manual or electric start			electric start
	Fuel tank capacity (L)	3.5	5.5	5.5	30
Pump Set	Continuous running time (h)	2.0	2.0	2.0	7.5
	N.W./G.W.(kg)	52/57	57/62	95/105	131/141
	Dimension L x W x H(mm)	570 x 450 x 550	645 x 470 x 600	645 x 470 x 600	900×630×910
	Package size L x W x H(mm)	580 x 460 x 570	655 x 480 x 615	655 x 480 x 615	925×655×1025

Cast Iron Pump

Photo	Model	Inlet (inch)	Outlet (inch)	Impeller (mm)	Head (M)	Max.Flow (L/min)	Optional Engine
	1.5H-171	1.5	1.5	171	7	24	HP178F(E)
	2x1.5H-175	2	1.5	175	7	27	HP178F(E)
	2H-175	2	2	175	7	27	HP178F(E)
	2H-185	2	2	185	7	25	HP178F(E)
	2H-198	2	2	198	7	32	HP186FA(E)
	2H-208	2	2	208	7	33	HP192FE
	3H-188	3	3	188	7	41	HP186FA(E)
	3H-190-9	3	3	190	7	59	HP192FE
	3H-205-4	3	3	205	7	48	HP192FE
	3H-208-6	3	3	208	7	44	HP192FE
	3H-208-10	3	3	208	7	77	HP2V92FE
	4x3H-150-8	4	3	150	7	87	HP192FE
	4x3H-150-25	4	3	150	7	108	HP195FE
	4x3H-170-8	4	3	170	7	94	HP192FE
	4x3H-170-25	4	3	170	7	120	HP192FE
	4x3H-208-10	4	3	208	7	98	HP2V92FE
	4H-150-8	4	4	150	7	94	HP192FE
	4H-150-25	4	4	150	7	130	HP192FE
	4H-170-8	4	4	170	7	90	HP192FE
	4H-170-25	4	4	170	7	140	HP2V92FE
	4H-208-10	4	4	208	7	103	HP2V92FE

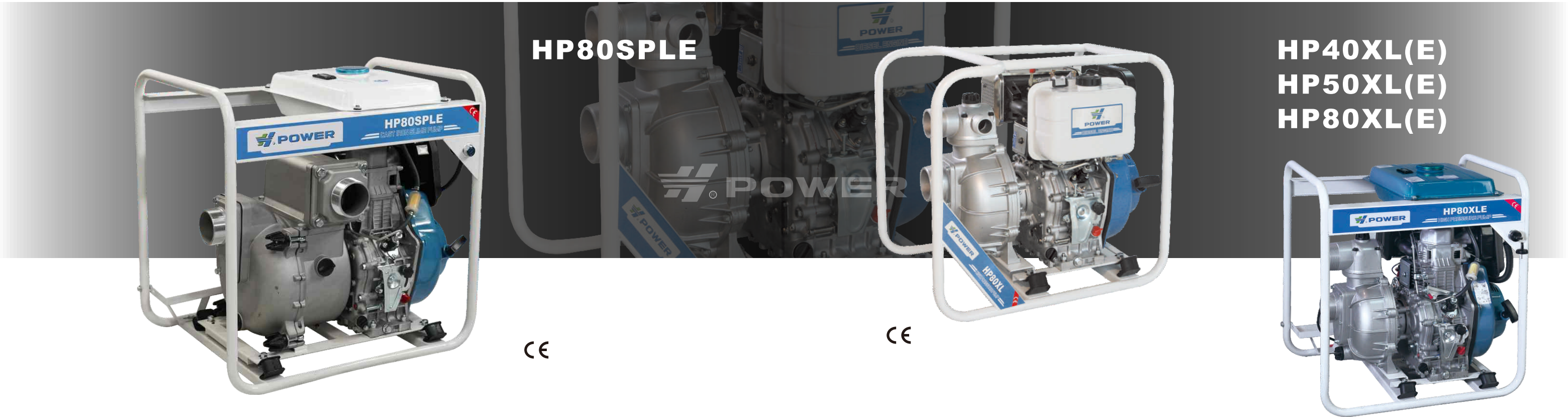
HP50DF



CE

FIRE EXTINGUISH PUMP

Type		HP50DF
Pump	Inch	2.5"
	Max.head (m)	82
	Max.suction head(m)	7
	Max.capacity (m³/h)	42
	Self-priming time (s/4m)	4
Engine	Model	HP186FA(E)
	Type	Single cylinder、4-stroke、air-cooled、vertical、 diesel engine
	Starting fashion	Manual or electric start
	Fuel tank capacity (L)	5.5
Pump Set	Continuous running time (h)	2.0
	N.W./G.W.(kg)	75/80
	Dimension L x W x H(mm)	640×470×600
	Package size L x W x H(mm)	655×480×615



SLURRY PUMP

Type		HP80SPLE
Pump	Inch	3"
	Max.head (m)	27
	Max.suction head (m)	7
	Max.capacity (m³/h)	87
	Self-priming time (s/4m)	40
Engine	Model	HP188F(E)
	Type	4-stroke, air-cooled, diesel engine
	Starting fashion	Manual or electric start
	Fuel tank capacity (L)	5.5
Pump Set	Continuous running time (h)	2.0
	N.W./G.W.(kg)	70/75
	Dimension L x W x H(mm)	640 x 470 x 600
	Package size L x W x H(mm)	655 x 480 x 615

ALUMINUM HIGH PRESSURE

Type		HP40XL(E)	HP50XL(E)	HP80XL(E)
Pump	Inch	1.5"	2"	3"
	Max.head (m)	55	65	80
	Max.suction head(m)	8	8	8
	Max.capacity (m³/h)	20	30	40
	Self-priming time (s/4m)	30	30	30
Engine	Model	HP178F(E)	HP178F(E)	HP186FA(E)
	Type	Single cylinder, 4-stroke, air-cooled, vertical, diesel engine		
	Starting fashion	Manual or electric start		
	Fuel tank capacity (L)	3.5	3.5	5.5
Pump Set	Continuous running time (h)	3.0	2.0	2.0
	N.W./G.W.(kg)	50/53	52/55	69/72
	Dimension L x W x H(mm)	570 x 460 x 550	570 x 460 x 550	640 x 470 x 600
	Package size L x W x H(mm)	580 x 470 x 570	580 x 470 x 570	655 x 480 x 615

HP50IXLS
HP50IXLT



CE

CAST IRON
HIGH PRESSURE

Type		HP50IXLS	HP50IXLT
Pump	Inch	2"	2"
	Max.head (m)	92	100
	Max.suction head (m)	6	7
	Max.capacity (m³/h)	35	60
	Self-priming time (s/4m)	120	120
Engine	Model	HP186FA(E)	HP186FA(E)
	Type	4-stroke, air-cooled, diesel engine	4-stroke, air-cooled, diesel engine
	Starting fashion	Manual or electric start	Manual or electric start
	Fuel tank capacity (L)	5.5	5.5
Pump Set	Continuous running time (h)	2.0	2.0
	N.W./G.W.(kg)	72/77	72/77
	Dimension L x W x H(mm)	645 x 530 x 600	645 x 530 x 600
	Package size L x W x H(mm)	655 x 545 x 615	655 x 545 x 615

HP80DTP
HP100DTP



CE

TRASH PUMP

Type		HP80DTP	HP100DTP
Pump	Inch	3"	4"
	Max.head (m)	26	20
	Max.suction head (m)	8	5
	Max.capacity (m³/h)	13	70
	Self-priming time (s/4m)	40	40
Engine	Model	HP178F(E)	HP186FA(E)
	Type	4-stroke, air-cooled, diesel engine	4-stroke, air-cooled, OHV, gasoline engine
	Starting fashion	Manual or electric start	Manual or electric start
	Fuel tank capacity (L)	3.5	3.5
Pump Set	Continuous running time (h)	3.0	2.0
	N.W./G.W.(kg)	50/53	69/72
	Dimension L x W x H(mm)	560 x 450 x 660	645 x 470 x 600
	Package size L x W x H(mm)	575 x 470 x 680	665 x 480 x 615



Inflator pump lift the mast by manual



- Compact and narrow body design for easy transport
- Each light can be individually adjusted without tools
- Floodlight, spotlight and balloon light as optional



Standard equipment

- AC Circuit breaker
- AC Voltmeter
- AC/DC Circuit breaker
- Oil sensor
- DC output
- Solenoid choke
- Electric start

Optional equipment

- Hours meter
- Floodlight, spotlight, balloon light
- 1000w or 2000w for unit light's power

Model	GLT-2500-2	DLT-6500-4
Rated frequency(Hz)	50/60	
Rated voltage(V)	220,230,240	
Rated power(kva)	2/2.2	4.6/5.0
Max.power(kva)	2.2/2.4	5.0/5.5
Fuel	Gasoline	Diesel
Continuous running time(hr)	13	7.5
Total power of the lamps(w)	500 × 2	1000 × 4
Luminous flux(lm)	144000	440000
Mast	Trail type,three mechanical-spring lifting mast	Trail type,three pneumatic-spring lifting mast
Lifting limit of the mast(mm)	3500	4200
Inclination	10	10
Windproof ability	8	8
Dry weight(kg)	140	380

Model	DLT-10000-8
Rated frequency(Hz)	50/60
Rated voltage(V)	220,230,240
Rated power(kva)	8/9
Max.power(kva)	10/11
Fuel	Diesel
Continuous running time(hr)	8
Total power of the lamps(w)	2000 × 4
Luminous flux(lm)	880000
Mast	Trail type,five pneumatic-spring lifting mast
Lifting limit of the mast(mm)	5000
Inclination	10
Windproof ability	8
Dry weight(kg)	850



ATS



REMOTE CONTROL



MUTUAL INDUCTOR AVR



DIGITAL CONTROLLER



HEATING PLUG



INTELLIGENT AVR



**SMARTGEN
DIGITAL CONTROLLER**



**5 FUNCTIONS
DIGITAL DISPLAY METER**



**3 FUNCTIONS
DIGITAL DISPLAY METER**

No.	Shape	Type	Country	Notice	No.	Shape	Type	Country	Notice
1		A	China Nigeria Middle East	✓	10		G	Europe (Except U.K.)	✓
2		U	Australia	✓	11		F	French Belg.	✓
3		J	Japan	✓	12		W ₁	Swiss	✓
4		C	USA Canada Korea Taiwan	✓	13		W ₂	Swiss	✓
5		C ₁	USA Canada Korea Taiwan	✓	14		D	Danish	✓
6		C ₂	USA Canada Korea Taiwan	✓	15		B	British	✓
7		C ₃	USA Canada Korea Taiwan	✓	16		SA	South Africa	✓
8		C ₄	USA Canada Korea Taiwan	Dual voltage	17		B ₁	British	✓
9		C ₅	USA Canada Korea Taiwan	Dual voltage	18		B ₂		✓