

Model	KT-5000ST		KT-6000ST		WD-6500ST		WD-8000ST	
Rated frequency (Hz)	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ
Rated output (kVA)	4.2KVA	4.5KVA	4.5KVA	5.0KVA	5.5KVA	6.0KVA	6.5kva	7.0kva
Max. output (kVA)	4.5KVA	4.8KVA	5.0KVA	6.0KVA	6.0KVA	6.5KVA	7.0kva	7.5kva
Rated Voltage (V)	110,120,220,230,240,110/220,120/240		110,120,220,230,240,110/220,120/240		110,120,220,230,240,110/220,120/240		110,120,220,230,240,110/220,120/240	
Rated rotation speed (r/min)	3000RPM	3600RPM	3000RPM	3600RPM	3000RPM	3600RPM	3000RPM	3600RPM
Phase NO.	Single phase or three phase (optional)		Single phase or three phase (optional)		Single phase or three phase (optional)		Single phase or three phase (optional)	
Power factor (Cos Φ)	1		1		1		1	
Insulation Grade	B		B		B		B	
Pole number	2		2		2		2	
Excitation mode	Self-excitation & constant voltage (AVR)		Self-excitation & constant voltage (AVR)		Self-excitation & constant voltage (AVR)		Self-excitation & constant voltage (AVR)	
Panel Type	General Panel		General Panel		General Panel		General Panel	
DC12V output	Connection pole output		Connection pole output		Connection pole output		Connection pole output	
Overall dimension（L×W×H）(mm)	870*580*765		955*565*760		955*565*760		955*565*760	
Dry weight(kg)	163		165		170		175	
Working assorting weight (Kg)	167		170		175		180	
Noise level（7m）dB(A)	72		72		72		72	
Structure type	Silent type		Silent type		Silent type		Silent type	
Engine Model	186F		186FA		188FA		190FA	
Engine 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	
Cylinder NO.-bore×stroke (mm)	86×70		1-86×72		1-88*75		90*78	
Displacement (ml)	406		418		456		496cc	
Rated power [KW]/(r/min)]	5.6KW/3000	6.6KW/3600	6.4KW/3000	7.0KW/3600	6.8KW/3000	7.35KW/3600	7.8kw/10.6hp/3000	8.6kw/11.7hp/3600rpm
Compression ratio	19:01		19:01		19:01		19:01	
Rated rotation speed (r/min)	3000	3600	3000	3600	3000	3600	3000	3600
Combustion system	Direct injection		Direct injection		Direct injection		Direct injection	
Cooling system	Air cooled		Air cooled		Air cooled		Air cooled	
Lubrication system	Pressure splashed		Pressure splashed		Pressure splashed		Pressure splashed	
Starting system	Electric starter		Electric starter		Electric starter		Electric starter	
Fuel type	0# (summer) 10#(winter)-35#(chillness) diesel		0# (summer) 10#(winter)-35#(chillness) diesel		0# (summer) 10#(winter)-35#(chillness) diesel		0# (summer) 10#(winter)-35#(chillness) diesel	
Lube oil brand	CD grade or SAE10W-30 , 15W-40		CD grade or SAE10W-30 , 15W-40		CD grade or SAE10W-30 , 15W-40		CD grade or SAE10W-30 , 15W-40	
Lube capacity (L)	1.65		1.65		1.65		1.65	
Starting motor capacity (V-kW)	12V 0.8kW		12V 0.8kW		12V 0.8kW		12V 0.8kW	
Charging generator capacity (V-A)	12V 3A		12V 3A		12V 3A		12V 3A	
Fuel consumption (g/kW.h)	≤201	≤210	≤201	≤210	≤274	≤281	≤280	≤290
Fuel tank capacity (L)	15		15		15		15	
Continuous running time (hr)	6		6		6		6	