

The main parameters of the unit							
Generator Model	KP-PC14	KP-PC16	KP-PC20				
Prime Power	10.8KW(13.5KVA)	12.8KW(16KVA)	16KW(20KVA)				
Rated Voltage	110V/220V/380V	110V/220V/380V	110V/220V/380V				
Current	19.45A	23A	28.8A				
Rated Frequency	50/60Hz	50/60Hz	50/60Hz				
Power Factor	COS=0.8 ( Lag )	COS=0.8 ( Lag )	COS=0.8 ( Lag )				
Full load fuel consumption	2.16L/h	2.56L/h	3.2L/h				
lubricant oil capacity (L):	0.1	0.1	0.1				
Fuel tank capacity ( L )	40L	40L	40L				
The noise (dB)	70dB/7m	70dB/7m	70dB/7m				
(L×W×H) (cm):Overall Dimensions	1710×840×1170mm	1710×840×1170mm	1710×840×1170mm				
Gross Weight(kg)	600kg	610kg	620kg				
							
				The main parameters of the engine			
				Brand:	RICARDO	RICARDO	RICARDO
				Model	K490D/22KW	K490D//22KW	K490D//22KW
				Enging type	4 Cylinder, 4 stroke, In line	4 cylinder, 4 stroke, In line	4 cylinder, 4 stroke, In line
				Bore*stroke	90*105mm	90*105mm	90*105mm
				Cooling method:	Water-cooled	Water-cooled	Water-cooled
				RPM:	1500r/min or 1800r/min	1500r/min or 1800r/min	1500r/min or 1800r/min
				Start-up mode:	DC12V/ Electric start	DC12V/ Electric start	DC12V/ Electric start
							
				The main parameters of the generator :			
				Brand:	VLAIS Copper Alternator	VLAIS Copper Alternator	VLAIS Copper Alternator
				Model:	STF-164C/10.8kw	STF-164D/12.8kw	STF-184E/16kw
				Type:	AVR (Automatic Voltage Regulator) & single bearing	AVR (Automatic Voltage Regulator) & single bearing	AVR (Automatic Voltage Regulator)&single bearing
				Electrical phase connection:	3 phase 4 wire	3 phase 4 wire	3 phase 4 wire
				Insulation class/ Protection class:	H/IP23	H/IP23	H/IP23
				Excitation	Self-Excitation&brushless	Self-Excitation&brushless	Self-Excitation&brushless
							
Control system							
Brand:	Meba	Meba	Meba				
Model:	DC52D	DC52D	DC52D				
High water temperature protection	yes	yes	yes				
Low oil pressure protection	yes	yes	yes				
High and low frequency protection	yes	yes	yes				
High and low voltage protection	yes	yes	yes				
							
				Unit including:			
				(1) Diesel engine			
				(2) Generator			
				(3)Control panel			
				Accessories include:			
				Wave tube, pipe, battery, silencer sleeve and cable, vibration absorption pads, etc.			
Control panel:							
The control panel is a general-purpose, display the voltage, current, frequency, water temperature and oil pressure.							