

PowerSUM

PD45KSE

Standby 44KVA Diesel Generators
50 HZ & Three phases



PowerSUM

Model

Prime Power (KVA)	40
Standby Power (KVA)	44
Power Factor	0.8
Frequency (HZ)	50
Rate Voltage (V)	230 / 400
Rate Current (A)	57.7
Controller	HM500
Control Voltage (DC/V)	24
Battery Capacity (Ah)	45x2
Coolant Capacity (L)	17
Fuel Tank Capacity (Base frame) (L)	93
Fuel Consumption (L/H)	10.2
Running Time (Hour)	9.1
Sound @7 meter (dBA)	68
Open Type Product Size (MM)	1810×950×1030
Open Type Weight (KG)	815
Canopy Type Product Size (MM)	2200×950×1250
Canopy Type Weight (KG)	1045

Measurement, displayment HM500

Genset prime power Kw	●
Power factor	●
Engine speed	●
Phase to neutral voltage	●
Phase to phase voltage	●
Genset frequency	●
Genset current	●
Mains Phase to neutral voltage	\
Mains Phase to phase voltage	\
Mains frequency	\
Engine oil pressure	●
Engine water temperature	●
Fuel level	●
Battery voltage	●
Genset power KVA	●
Genset running time	●
Genset output KWh	\
History file	\

● Standard \ None

Engine Model

D4DX21-53D

Prime Power (KW)	39
Structure	4 Cylinder,Inline
Fuel Type	Diesel
Fuel Consumption (L/H)	10.2
Lubricant Consumption (L/H)	0.06
Governor	Electric
Cooling	Water
Lubricant Capacity (L)	12.5
Air Intake Flow (m ³ /min)	3.2
Exhaust Gas Flow (m ³ /min)	8.4
Exhaust Gas Temperature (°C)	480
Exhaust Gas Back Pressure (Kpa)	5
Compression Ratio	17
Aspiration	Natural
Bore (MM)	102
Stroke	118
Displacement (L)	3.86
SAE	3 / 11.5
Dimension (MM)	810×680×800
Net Weight (KG)	350

Alternator Model

184J

Prime Power (KW)	40
Structure	1 Bearing
Excitation Mode	Self-excitation
Insulation Class	H
Protection Class	IP23
TIF	<50
THF	<2%
Air Flow (m ³ /S)	0.15
AVR Model	SX460