

PowerSUM

PD22KSE

Standby 22KVA Diesel Generators
50 HZ & Three phases



PowerSUM

Model

Prime Power (KVA)	20
Standby Power (KVA)	22
Power Factor	0.8
Frequency (HZ)	50
Rate Voltage (V)	230 / 400
Rate Current (A)	28.9
Controller	HM500
Control Voltage (DC/V)	12
Battery Capacity (Ah)	60
Coolant Capacity (L)	10.2
Fuel Tank Capacity (Base frame) (L)	77.5
Fuel Consumption (L/H)	6.2
Running Time (Hour)	12.5
Sound @7 meter (dBA)	65
Open Type Product Size (MM)	1510×900×980
Open Type Weight (KG)	505
Canopy Type Product Size (MM)	1900×900×1120
Canopy Type Weight (KG)	786

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

D490

Prime Power (KW)	22
Structure	4 Cylinder,Inline
Fuel Type	Diesel
Fuel Consumption (L/H)	6.2
Lubricant Consumption (L/H)	0.0315
Governor	Mechanical
Cooling	Water
Lubricant Capacity (L)	6
Air Intake Flow (m ³ /min)	2.3
Exhaust Gas Flow (m ³ /min)	6.5
Exhaust Gas Temperature (°C)	400
Exhaust Gas Back Pressure (Kpa)	5
Compression Ratio	17.5
Aspiration	Natural
Bore (MM)	90
Stroke	100
Displacement (L)	2.5
SAE	4 / 7.5
Dimension (MM)	760×543×680
Net Weight (KG)	230

Alternator Model

184ES

Prime Power (KW)	20
Structure	1 Bearing
Excitation Mode	Self-excitation
Insulation Class	H
Protection Class	IP23
TIF	<50
THF	<2%
Air Flow (m ³ /S)	0.095
AVR Model	SX460