

PowerSUM

PD55KSE

Standby 55KVA Diesel Generators
50 HZ & Three phases



PowerSUM

Model

Prime Power (KVA)	50
Standby Power (KVA)	55
Power Factor	0.8
Frequency (HZ)	50
Rate Voltage (V)	230 / 400
Rate Current (A)	72.2
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)	11.8
Running Time (Hour)	7.9
Sound @7 meter (dBA)	68
Open Type Product Size (MM)	1810×950×1030
Open Type Weight (KG)	840
Canopy Type Product Size (MM)	2200×950×1320
Canopy Type Weight (KG)	1075

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

D4DX22-65D

Prime Power (KW)	48
Structure	4 Cylinder,Inline
Fuel Type	Diesel
Fuel Consumption (L/H)	11.8
Lubricant Consumption (L/H)	0.05
Governor	Electric
Cooling	Water
Lubricant Capacity (L)	13
Air Intake Flow (m ³ /min)	3.9
Exhaust Gas Flow (m ³ /min)	10.4
Exhaust Gas Temperature (°C)	480
Exhaust Gas Back Pressure (Kpa)	5
Compression Ratio	17
Aspiration	Turbocharging
Bore (MM)	102
Stroke	118
Displacement (L)	3.86
SAE	3 / 11.5
Dimension (MM)	810×700×850
Net Weight (KG)	380

Alternator Model

224D

Prime Power (KW)	50
Structure	1 Bearing
Excitation Mode	Self-excitation
Insulation Class	H
Protection Class	IP23
TIF	<50
THF	<2%
Air Flow (m ³ /S)	0.216
AVR Model	SX460