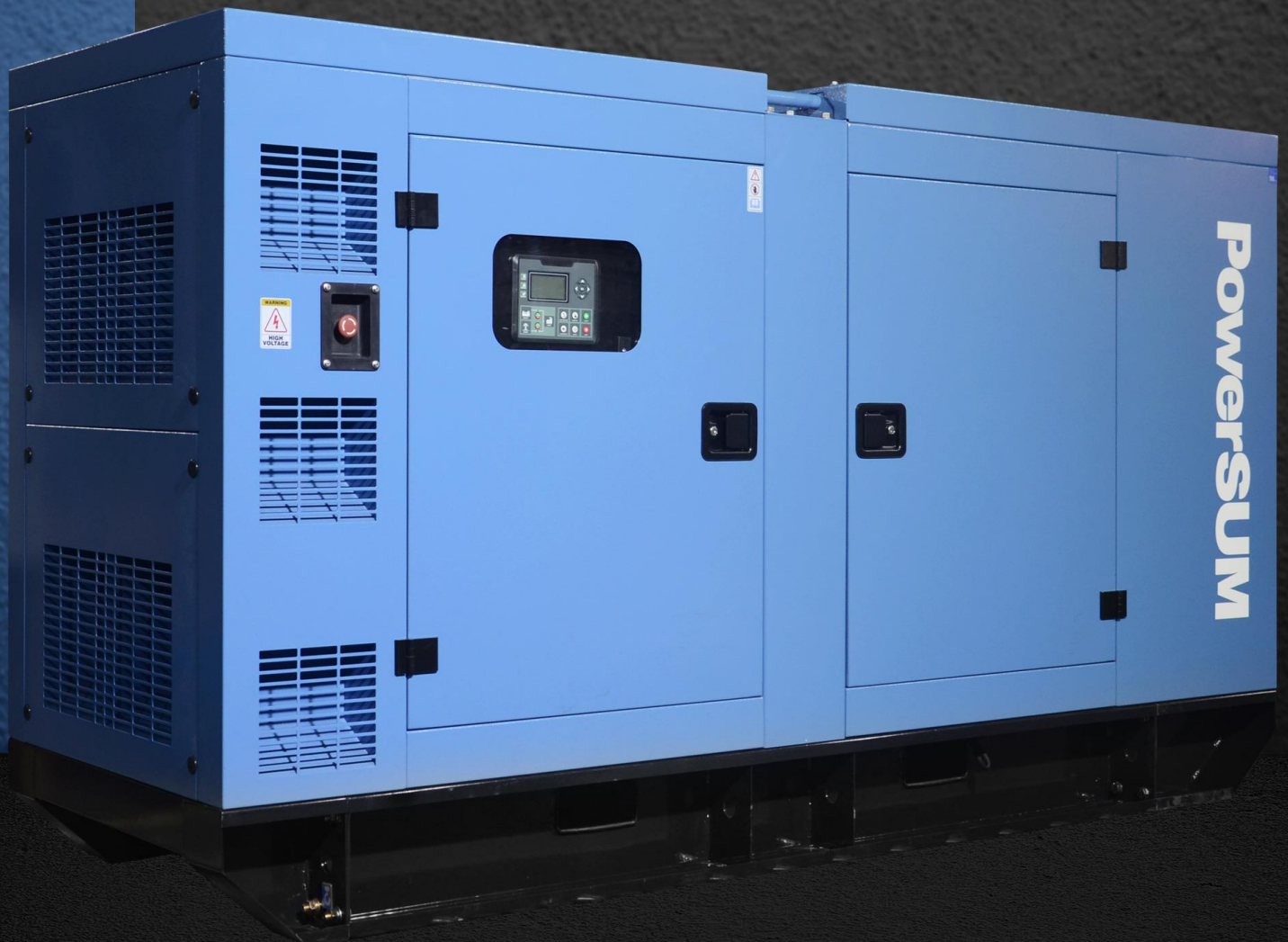


PowerSUM

PD145KSE

Standby 146KVA Diesel Generators
50 HZ & Three phases



PowerSUM

Model

Prime Power (KVA)	133
Standby Power (KVA)	146
Power Factor	0.8
Frequency (HZ)	50
Rate Voltage (V)	230 / 400
Rate Current (A)	191.3
Controller	HM500
Control Voltage (DC/V)	24
Battery Capacity (Ah)	80x2
Coolant Capacity (L)	34
Fuel Tank Capacity (Base frame) (L)	275
Fuel Consumption (L/H)	28.3
Running Time (Hour)	9.7
Sound @7 meter (dBA)	72
Open Type Product Size (MM)	2395×1050×1465
Open Type Weight (KG)	1370
Canopy Type Product Size (MM)	3200×1050×1760
Canopy Type Weight (KG)	1925

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

D6B180L-D20

Prime Power (KW)	120
Structure	6 Cylinder,Inline
Fuel Type	Diesel
Fuel Consumption (L/H)	28.3
Lubricant Consumption (L/H)	0.12
Governor	Electric
Cooling	Water
Lubricant Capacity (L)	18
Air Intake Flow (m ³ /min)	7.4
Exhaust Gas Flow (m ³ /min)	19.6
Exhaust Gas Temperature (°C)	532
Exhaust Gas Back Pressure (Kpa)	10
Compression Ratio	17.5
Aspiration	Turbocharging intercooled
Bore (MM)	108
Stroke	125
Displacement (L)	6.871
SAE	2 / 11.5
Dimension (MM)	1350×785×1130
Net Weight (KG)	700

Alternator Model

274E

Prime Power (KW)	140
Structure	1 Bearing
Excitation Mode	Self-excitation
Insulation Class	H
Protection Class	IP23
TIF	<50
THF	<2%
Air Flow (m ³ /S)	0.514
AVR Model	AS440