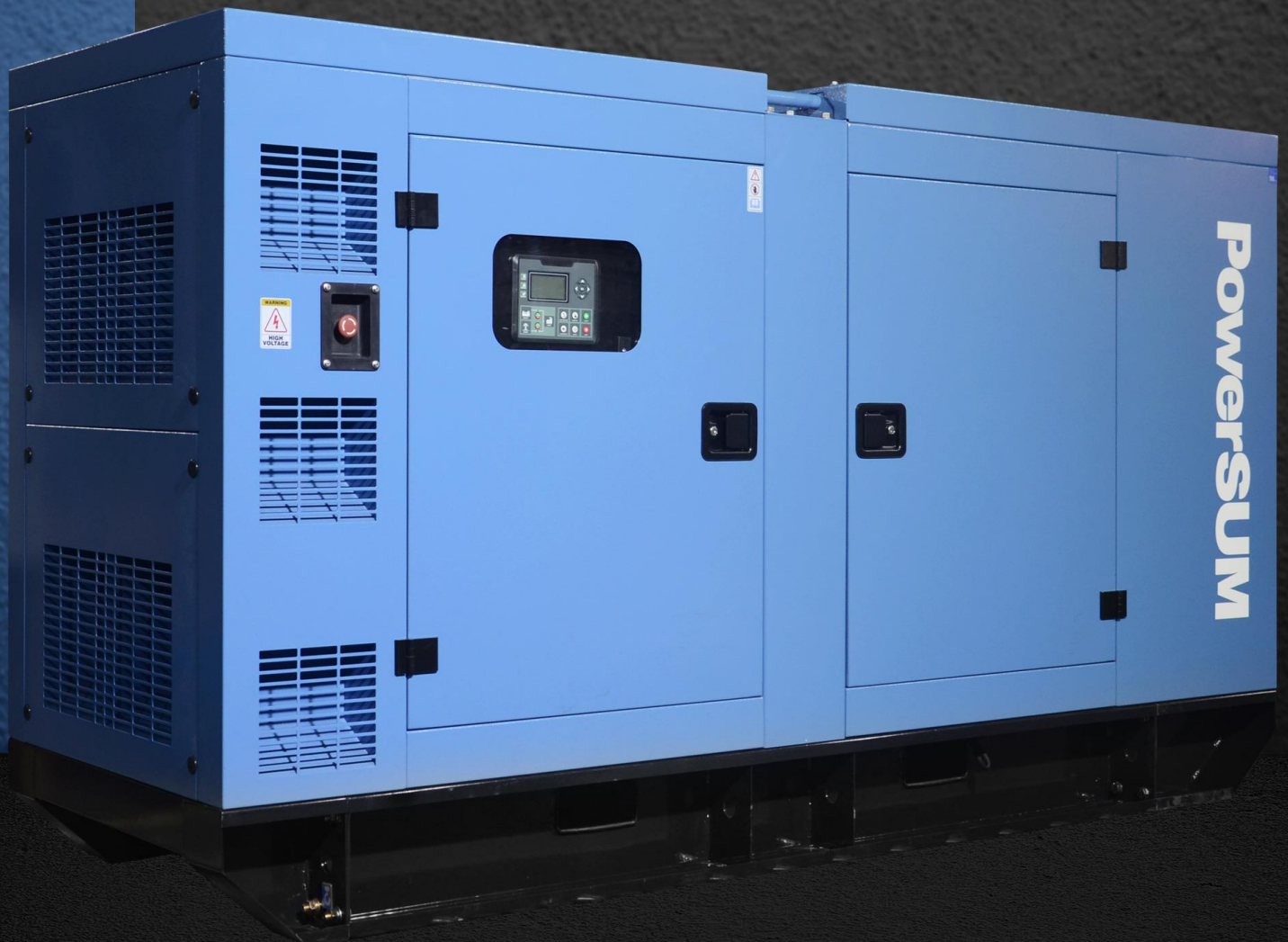


PowerSUM

PD110KSE

Standby 110KVA Diesel Generators
50 HZ & Three phases



PowerSUM

Model

| | |
|-------------------------------------|----------------|
| Prime Power (KVA) | 100 |
| Standby Power (KVA) | 110 |
| Power Factor | 0.8 |
| Frequency (HZ) | 50 |
| Rate Voltage (V) | 230 / 400 |
| Rate Current (A) | 144.3 |
| Controller | HM500 |
| Control Voltage (DC/V) | 24 |
| Battery Capacity (Ah) | 60x2 |
| Coolant Capacity (L) | 26.3 |
| Fuel Tank Capacity (Base frame) (L) | 245 |
| Fuel Consumption (L/H) | 23.1 |
| Running Time (Hour) | 9.3 |
| Sound @7 meter (dBA) | 72 |
| Open Type Product Size (MM) | 2195×1000×1400 |
| Open Type Weight (KG) | 1200 |
| Canopy Type Product Size (MM) | 2700×1000×1580 |
| Canopy Type Weight (KG) | 1550 |

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

D4A140Z-D20

| | |
|--|---------------------------|
| Prime Power (KW) | 95 |
| Structure | 4 Cylinder,Inline |
| Fuel Type | Diesel |
| Fuel Consumption (L/H) | 23.1 |
| Lubricant Consumption (L/H) | 0.05 |
| Governor | Electric |
| Cooling | Water |
| Lubricant Capacity (L) | 17 |
| Air Intake Flow (m ³ /min) | 6.76 |
| Exhaust Gas Flow (m ³ /min) | 18.4 |
| Exhaust Gas Temperature (°C) | 550 |
| Exhaust Gas Back Pressure (Kpa) | 10 |
| Compression Ratio | 17.5 |
| Aspiration | Turbocharging intercooled |
| Bore (MM) | 108 |
| Stroke | 132 |
| Displacement (L) | 4.84 |
| SAE | 3 / 11.5 |
| Dimension (MM) | 1363×756×1103 |
| Net Weight (KG) | 550 |

Alternator Model

274C

| | |
|------------------------------|-----------------|
| Prime Power (KW) | 100 |
| 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 |