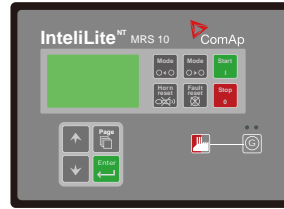


DHY53KSEm

Diesel Generator

50Hz 1phase Standby 66kVA





Support engine and alterantor monitoring, measurement and protection. This is long-running and back-up unit to integrate the best way to control. support Modbus standard, modem,RS232、RS485、USB and internet.

Measurement, displayment MRS10

| | |
|---|---|
| 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 | × |
| Alarm, shutdown function | |
| Low oil pressure warning,shutdown | ● |
| High water temperature warning,shutdown | ● |
| Engine over and under speed shutdown | ● |
| Low fuel level warning,shutdown | ● |
| Battery low and high voltage warning | ● |
| Battery charging failure | ● |
| Genset low and high voltage warning, shut down | ● |
| Alternator 3 phase voltage unbalance shut down | ● |
| Alternator low and high frequency warning,shut down | ● |
| Genset over load shutdown | ● |
| Alternator3 phase current unbalance shutdown | ● |
| Mains low and high voltage warning | × |
| Mains low and high frequency warning | × |
| Optional | |
| Remote start and stop | ● |
| RS232 card | ○ |
| USB card | ○ |
| RS485 card | ○ |
| Multi language display | ○ |
| GPRS communication | ○ |
| GPS communication | ○ |

● standard ○ Optional × None

| | |
|------------------------------------|-------------------|
| Prime Power (kVA) | 60.0 |
| Prime Power (kW) | 48.0 |
| Standby Power (KVA) | 66 |
| Standby Power (KW) | 52.8 |
| Power Factor | 1 |
| Frequency (Hz) | 50 |
| Rate Voltage (V) | 220 |
| Rate Current (A) | 218.2 |
| Controller | IL-NT MRS10 |
| Control Voltage (DC/V) | 12 |
| Battery Capacity (Ah) | 55 |
| Coolant Capacity (L) | 13 |
| Fuel Tank Capacity(Base frame) (L) | 180 |
| Fuel Consumption (L/Hour) | 17.71 |
| Running Time (Hour) | 10 |
| Sound @7 meter (dBA) | 72 |
| Open Type Product size (mm) | 1995 × 950 × 1360 |
| Open Type Weight net (kg) | 995 |
| Canopy type product size (mm) | 2500 × 950 × 1520 |
| Canopy Type Weight net (kg) | 1290 |
| Engine Model | HY4108ZD |
| Prime power (kW) | 55 |
| Structure | 4 cylinder,inline |
| Fuel type | Diesel |
| Fuel consumption (L/Hour) | 16.1 |
| Lubricant consumption (L/Hour) | 0.0805 |
| Governor | Mechanical |
| Coolling | Water |
| Lubricant capacity (L) | 11 |
| Air intake flow (m³/min) | 6.3 |
| Exhaust gas flow (m³/min) | 16 |
| Exhaust gas temperature (°C) | 480 |
| Exhaust gas back pressure (Kpa) | 9 |
| Compression ratio | 17 |
| Aspiration | Turbocharging |
| Bore (mm) | 108 |
| Stroke | 120 |
| Displacement (L) | 4.4 |
| SAE | 3/11.5 |
| Dimension (mm) | 875 × 590 × 870 |
| Net weight (Kg) | 420 |
| Alternator Model | 224F |
| Prime power (kVA) | 50 |
| Structure | 1 bearing |
| Excitation mode | Self-excitation |
| Insulation class | H |
| Protection class | IP23 |
| TIF | <50 |
| THF | <2% |
| Air flow (m³/s) | 0.216 |
| AVR Model | AS440 |

*Single phase kVa ratings based on assumed load factor of 0.8