

HYUNDAI

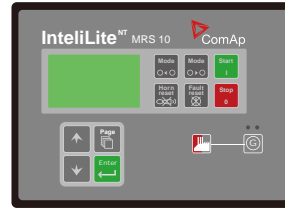
DHY53KSEm

Diesel Generator

50Hz 1phase Standby 66kVA



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



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

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