

iTePower

DG18KSEm

Diesel Generator

50Hz 1 phase Standby 17.6kVA

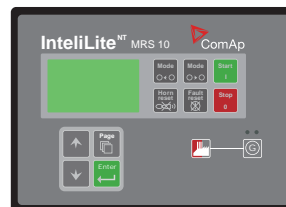
HYUNDAI
POWER EQUIPMENT



Annerman Oy

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Prime Power (kVA)	16.0
Prime Power (kW)	16.0
Standby Power (KVA)	17.6
Standby Power (KW)	17.6
Power Factor	1
Frequency (Hz)	50
Rate Voltage (V)	220
Rate Current (A)	72.7
Controller	IL-NT MRS10
Control Voltage (DC/V)	12
Battery Capacity (Ah)	55
Coolant Capacity (L)	10.2
Fuel Tank Capacity(Base frame) (L)	77.5
Fuel Consumption (L/Hour)	6.93
Running Time (Hour)	11
Sound @7 meter (dBA)	65
Open Type Product size (mm)	1560 × 900 × 980
Open Type Weight net (kg)	505
Canopy type product size (mm)	1950 × 900 × 1120
Canopy Type Weight net (kg)	786
Engine Model	4DW91-29D
Prime power (kW)	21
Structure	4 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	6.3
Lubricant consumption (L/Hour)	0.0315
Governor	Mechanical
Cooling	Water
Lubricant capacity (L)	6
Air intake flow (m³/s)	2.3
Exhaust gas flow (m³/s)	6.5
Exhaust gas temperature (°C)	400
Exhaust gas back pressure (Kpa)	5
Compression ratio	17.5
Aspiration	Natural
Bore (mm)	90
Stroke	100
Displacement (L)	2.5
SAE	4/7.5
Dimension (mm)	734 × 530 × 682
Net weight (Kg)	230
Alternator Model	184E
Prime power (kVA)	16.6
Structure	1 bearing
Excitation mode	Self-excitation
Insulation class	H
Protection class	IP23
TIF	<50
THF	<2%
Air flow (m³/s)	0.095
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	●
Alternator 3 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	○