

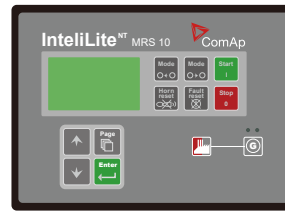
iTePower

DG14KSE

Diesel Generator

50Hz 3phase Standby 14kVA





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	×

Prime Power (kVA)	13
Prime Power (kW)	10
Standby Power (KVA)	14
Standby Power (KW)	11
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	18
Controller	MRS10
Control Voltage (DC/V)	12
Battery Capacity (Ah)	30 × 2
Coolant Capacity (L)	6
Fuel Tank Capacity(Base frame) (L)	46
Fuel Consumption (L/Hour)	4.5
Running Time (Hour)	10
Sound @7 meter (dBA)	62
Open Type Product size (mm)	1250 × 800 × 920
Open Type Weight net (kg)	435
Canopy type product size (mm)	1630 × 760 × 1115
Canopy Type Weight net (kg)	665
Engine Model	D390
Prime power (kW)	14
Structure	3 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	4.5
Lubricant consumption (L/Hour)	0.0175
Governor	Mechanical
Cooling	Water
Lubricant capacity (L)	3.5
Air intake flow (m³/min)	1.6
Exhaust gas flow (m³/min)	4.5
Exhaust gas temperature (°C)	550
Exhaust gas back pressure (Kpa)	5
Compression ratio	18
Aspiration	Natural
Bore (mm)	90
Stroke (mm)	95
Displacement (L)	1.815
SAE	4/7.5
Dimension (mm)	614 × 494 × 626
Net weight (Kg)	155
Alternator Model	164C
Prime power (kVA)	14
Structure	1 bearing
Excitation mode	Self–excitation
Insulation class	H
Protection class	IP23
TIF	<50
THF	<2%
Air flow (m³/s)	0.071
AVR Model	SX460