

**ITC Power**

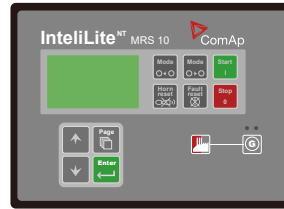
# DG11KSEm Diesel Generator

50Hz Single phase

Standby 11kVA



Prime Power (kVA)	10
Prime Power (kW)	10
Standby Power (KVA)	11
Standby Power (KW)	11
Power Factor	1
Frequency (Hz)	50
Rate Voltage (V)	230
Rate Current (A)	43.5
Controller	MRS10
Control Voltage (DC/V)	12
Battery Capacity (Ah)	30 × 2
Coolant Capacity (L)	5.8
Fuel Tank Capacity(Base frame) (L)	42
Fuel Consumption (L/Hour)	3.85
Running Time (Hour)	11
Sound @7 meter (dBA)	62
Open Type Product size (mm)	1510 × 900 × 980
Open Type Weight net (kg)	480
Canopy type product size (mm)	1630 × 760 × 1115
Canopy Type Weight net (kg)	655
Engine Model	D390
Prime power (kW)	13
Structure	3 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	3.8
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)	11
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	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