

ITC Power

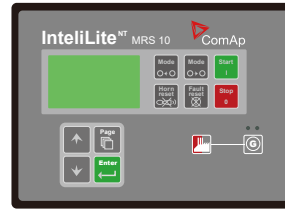
DY280KSE

Diesel Generator

50Hz 3phase Standby 275kVA



Prime Power (kVA)	250
Prime Power (kW)	200
Standby Power (KVA)	275
Standby Power (KW)	220
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	360.9
Controller	MRS10
Control Voltage (DC/V)	24
Battery Capacity (Ah)	120 × 2
Coolant Capacity (L)	55.66
Fuel Tank Capacity(Base frame) (L)	520
Fuel Consumption (L/Hour)	57.1
Running Time (Hour)	9.1
Sound @7 meter (dBA)	72
Open Type Product size (mm)	3195 × 1300 × 1612
Open Type Weight net (kg)	3090
Canopy type product size (mm)	3800 × 1300 × 2000
Canopy Type Weight net (kg)	3200
Engine Model	YC6MK350L–D20
Prime power (kW)	235
Structure	6 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	57.1
Lubricant consumption (L/Hour)	0.23
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	30
Air intake flow (m³/min)	15.3
Exhaust gas flow (m³/min)	38
Exhaust gas temperature (°C)	496
Exhaust gas back pressure (Kpa)	10
Compression ratio	16.8:1
Aspiration	Turbocharging intercooled
Bore (mm)	123
Stroke	145
Displacement (L)	10.34
SAE	1/14
Dimension (mm)	1821 × 900 × 1368
Net weight (Kg)	1030
Alternator Model	274K
Prime power (kVA)	250
Structure	1 bearing
Excitation mode	Self–excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m³/s)	0.58
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	×

● standard ○ Optional × None