

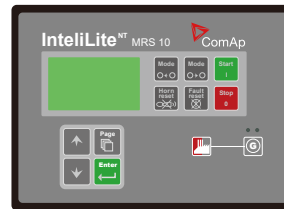
ITC Power

DY500KSE

Diesel Generator

50Hz 3phase Standby 495kVA





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

Prime Power (kVA)	450
Prime Power (kW)	360
Standby Power (KVA)	495
Standby Power (KW)	396
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	649.5
Controller	MRS10
Control Voltage (DC/V)	24
Battery Capacity (Ah)	120 × 2
Coolant Capacity (L)	86
Fuel Tank Capacity(Base frame) (L)	1290
Fuel Consumption (L/Hour)	97.6
Running Time (Hour)	13.2
Sound @7 meter (dBA)	72
Open Type Product size (mm)	3600 × 1681 × 2105
Open Type Weight net (kg)	4935
Canopy type product size (mm)	5000 × 1681 × 2470
Canopy Type Weight net (kg)	6015
Engine Model	YC6T600L-D22
Prime power (kW)	401
Structure	6 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	97.6
Lubricant consumption (L/Hour)	0.66
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	52
Air intake flow (m ³ /min)	0.37
Exhaust gas flow (m ³ /min)	1.02
Exhaust gas temperature (°C)	550
Exhaust gas back pressure (Kpa)	10
Compression ratio	15: 1
Aspiration	Turbocharging intercooled
Bore (mm)	145
Stroke (mm)	165
Displacement (L)	16.35
SAE	1/14
Dimension (mm)	2050 × 1060 × 1600
Net weight (Kg)	1980
Alternator Model	544C
Prime power (kVA)	450
Structure	1 bearing
Excitation mode	Self-excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m ³ /s)	1.035
AVR Model	SX440