

ITC Power

DY220KSE

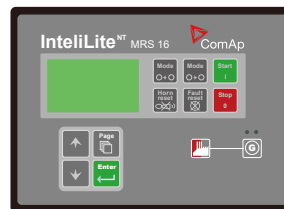
Diesel Generator

50Hz 3phase Standby 220kVA

Emission stage EU IIIA



Prime Power (kVA)	200
Prime Power (kW)	160
Standby Power (KVA)	220
Standby Power (KW)	176
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	288.7
Controller	MRS16
Control Voltage (DC/V)	24
Battery Capacity (Ah)	120 × 2
Coolant Capacity (L)	36
Fuel Tank Capacity(Base frame) (L)	375
Fuel Consumption (L/Hour)	41.5
Running Time (Hour)	9
Sound @7 meter (dBA)	72
Open Type Product size (mm)	2550 × 1150 × 1515
Open Type Weight net (kg)	1875
Canopy type product size (mm)	3400 × 1150 × 1920
Canopy Type Weight net (kg)	2500
Engine Model	YC6A275–D30
Prime power (kW)	165
Structure	6 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	41.5
Lubricant consumption (L/Hour)	0.042
Governor	CRDI
Cooling	Water
Lubricant capacity (L)	21
Air intake flow (m³/min)	12.1
Exhaust gas flow (m³/min)	12.6
Exhaust gas temperature (°C)	540
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5:1
Aspiration	Turbocharging intercooled
Bore (mm)	108
Stroke (mm)	132
Displacement (L)	7.255
SAE	2/11.5
Dimension (mm)	1380 × 800 × 1120
Net weight (Kg)	725
Alternator Model	274H
Prime power (kVA)	220
Structure	1 bearing
Excitation mode	Self–excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m³/s)	0.514
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	MRS16
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	○