

**ITC Power**

**DY620KSE**

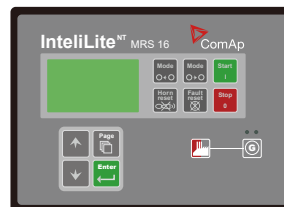
**Diesel Generator**

50Hz 3phase Standby 618.8kVA

**Emission stage EU IIIA**



Prime Power (kVA)	562.5
Prime Power (kW)	450
Standby Power (KVA)	618.8
Standby Power (KW)	495
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	811.9
Controller	MRS16
Control Voltage (DC/V)	24
Battery Capacity (Ah)	200 × 2
Coolant Capacity (L)	96.5
Fuel Tank Capacity(Base frame) (L)	1380
Fuel Consumption (L/Hour)	131.57
Running Time (Hour)	10.5
Sound @7 meter (dBA)	72
Open Type Product size (mm)	3600 × 1681 × 2105
Open Type Weight net (kg)	5115
Canopy type product size (mm)	5000 × 1781 × 2470
Canopy Type Weight net (kg)	6245
Engine Model	YC6TD780–D31
Prime power (kW)	520
Structure	6 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	131.57
Lubricant consumption (L/Hour)	0.13
Governor	Electrical Control
Cooling	Water
Lubricant capacity (L)	60
Air intake flow (m³/min)	36.1
Exhaust gas flow (m³/min)	86
Exhaust gas temperature (°C)	524
Exhaust gas back pressure (Kpa)	10
Compression ratio	14:1
Aspiration	Turbocharging intercooled
Bore (mm)	152
Stroke (mm)	180
Displacement (L)	19.598
SAE	1/14
Dimension (mm)	1812 × 1138 × 1721
Net weight (Kg)	2200
Alternator Model	544ES
Prime power (kVA)	563
Structure	1 bearing
Excitation mode	Self–excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m³/s)	1.035
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	●
<b>Alarm, shutdown function</b>	
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	●
<b>Optional</b>	
Remote start and stop	●
RS232 card	●
USB card	●
RS485 card	●
Multi language display	●
GPRS communication	○
GPS communication	○

● standard ○ Optional × None