DIESEL GENERATOR SET SPECIFICATIONS SHEET

50 Hz. - 1500 RPM - 230 / 400 VAC



STANDARD SCOPE OF SUPPLY

Diesel Engine; Engine with direct injection, water cooled engine, 4 stroke, rated at 1500 RPM, conforming to ISO 3046 / BS 5514 has the following specifications:

- Mechanical governor / Electronic Governor (Optional)
- Turbocharger and intercooler aspiration, pulse tuned exhaust manifold, stainless steel exhaust flexible connection
- Radiator Cooled, turbo charged
- Plate type, lube oil, cooler
- Filters-fuel, lube oil
- Dry type replaceable paper element air cleaner
- Flywheel housing and flywheel to suit single bearing alternator
- Starting motor
- Electric, battery charging alternator
- First fill lube oil and coolant

Alternator; Flexible disc, Close coupled

- Brushless alternator
- Self-excited, self-regulated
- Class 'H' insulation limited to temperature rise of class H
- Salient pole revolving field
- Single bearing
- AVR Automatic voltage regulator

Canopy; Modular type, sound isolation cabinet

- Base rail with draw-out type fuel tank is provided with a drain plug, air Vent, inlet and outlet connections, level indicator, manhole etc.
- Sub-base fuel tank with 8 hours capacity at 100% load.
- 12V dry, batteries with connecting leads and terminals
- Custom color application

Diesel Engine

1500 RPM / 50 Hz.

230/400 VAC - 3 Phase - Cos φ 0,8

Auto / Manuel - Open / Canopied Type

Customizable design according to your request...







DIESEL GENERATOR SET SPECIFICATIONS SHEET

50 Hz. - 1500 RPM - 230 / 400 VAC

GENERATOR SPECIFICATIONS		
Manufacturer	Turqpower Generator	
Model	TP – P 88	
Production Place	Turkey	
Stand by Power (kVA / kW)	88 / 70	
Prime Power (kVA / kW)	80 / 64	
ENGINE SPECIFICATIONS		
Manufacturer	Perkins	
Model	1104A-44TG2	
No. of Cylinders & Type	4 & Line	
Displacement (It)	4,4	
Bore & Stroke (mm)	105 x 127	
RPM	1500	
Air Filter Type	Dry	
Cooling Method	Water	
ENGINE ELECTRICAL SYSTEM		
Charging Alt. Voltage (VDC)	12	
Starter Voltage (VDC)	12	
FUEL SYSTEM		
Fuel Type	Diesel	
Fuel Tank Capacity (It)	139	
Fuel Consumption (It/h)	18,7	
LUBRICATING SYSTEM		
Lubricating capacity (It)	8,0	
Grade	15W40 API CI4	
Change Periods (hours)	250	
COOLING SYSTEM		
Cooling Capacity (It)	13,0	
Max. Ambient Temp. (°C)	50	
1		

ALTERNATOR SPECIFICATIONS		
Voltage (VAC)	230 / 400	
Frequency (Hz)	50	
Туре	4 Pole	
Cos φ	0,8	
Insulation	н	
Protection Class	IP23	
Bearing	Single	
Coupling	Flexible Disc	
CONTROLLER SYSTEM		
Manufacturer	Datakom	
Model	D300 MK2	
Production Place	Turkey	
Language	English (to be customized)	
Display	128x64 graphical LCD	
Security	3 level configuration password	
Communication	USB – J1939 - CANBUS	
IP Protection	IP65	



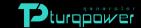
DIMENSIONS	
OPEN TYPE	
Length (mm)	2200
Width (mm)	1000
Height (mm)	1410
Weight (kg)	1220

250

DIMENSIONS		
WITH CANOPY TYPE		
Length (mm)	2600	
Width (mm)	1000	
Height (mm)	1410	
Weight (kg)	1415	

^{*}Turqpower Generator reserves the right to make change in the model, technical spect, equipment and accessories without prior notice

Change Periods (hours)



^{**}Updated January 2021