



### 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, pulse tuned exhaust manifold, stainless steel exhaust flexible connection
- Radiator Cooled,
- 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  $\phi$  0,8**

**Auto / Manuel – Open / Canopied Type**

**Customizable design according to your request...**

### GENERATOR SPECIFICATIONS

Manufacturer	Turqpower Generator
Model	TP – D 520
Production Place	Turkey
Stand by Power (kVA / kW)	520 / 416
Prime by Power (kVA / kW)	473 / 378

### ENGINE SPECIFICATIONS

Manufacturer	Deutz
Model	BF8M1015CLAG2
No. of Cylinders & Type	8 & Vee
Displacement (lt)	15,8
Bore & Stroke (mm)	132 x 145
RPM	1500
Air Filter Type	Dry
Cooling Method	Water

### ENGINE ELECTRICAL SYSTEM

Charging Alt. Voltage (VDC)	24
Starter Voltage (VDC)	24

### FUEL SYSTEM

Fuel Type	Diesel
Fuel Tank Capacity (lt)	1100
Fuel Consumption (lt/h)	95,0

### LUBRICATING SYSTEM

Lubricating capacity (lt)	48,0
Grade	15W40 API CI4
Change Periods (hours)	250

### COOLING SYSTEM

Cooling Capacity (lt)	87,0
Max. Ambient Temp. (°C)	50
Change Periods (hours)	250

### ALTERNATOR SPECIFICATIONS

Voltage (VAC)	230 / 400
Frequency (Hz)	50
Type	4 Pole
Cos $\phi$	0,8
Insulation	H
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)	3500
Width (mm)	1600
Height (mm)	2000
Weight (kg)	3000

### DIMENSIONS

WITH CANOPY TYPE	
Length (mm)	4000
Width (mm)	1600
Height (mm)	2900
Weight (kg)	3500

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

\*\*Updated January 2021