



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, 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 ϕ 0,8

Auto / Manuel - Open / Canopied Type

Customizable design according to your request...

GENERATOR SPECIFICATIONS

| | |
|---------------------------|---------------------|
| Manufacturer | Turqpower Generator |
| Model | TP - I 88 |
| Production Place | Turkey |
| Stand by Power (kVA / kW) | 88 / 70 |
| Prime by Power (kVA / kW) | 80 / 64 |

ENGINE SPECIFICATIONS

| | |
|-------------------------|-----------|
| Manufacturer | FPT Iveco |
| Model | N45SM3 |
| No. of Cylinders & Type | 4 & Line |
| Displacement (lt) | 4,5 |
| Bore & Stroke (mm) | 104 x 132 |
| 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 (lt) | 240 |
| Fuel Consumption (lt/h) | 19,4 |

LUBRICATING SYSTEM

| | |
|---------------------------|---------------|
| Lubricating capacity (lt) | 12,8 |
| Grade | 15W40 API CI4 |
| Change Periods (hours) | 250 |

COOLING SYSTEM

| | |
|-------------------------|------|
| Cooling Capacity (lt) | 18,5 |
| Max. Ambient Temp. (°C) | 50 |
| Change Periods (hours) | 250 |

ALTERNATOR SPECIFICATIONS

| | |
|------------------|---------------|
| Voltage (VAC) | 230 / 400 |
| Frequency (Hz) | 50 |
| Type | 4 Pole |
| Cos ϕ | 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) | 1850 |
| Width (mm) | 1000 |
| Height (mm) | 1400 |
| Weight (kg) | 1050 |

DIMENSIONS

| | |
|------------------|------|
| WITH CANOPY TYPE | |
| Length (mm) | 2500 |
| Width (mm) | 1000 |
| Height (mm) | 1600 |
| Weight (kg) | 1325 |

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

**Updated January 2021