FB10-2S
Prime rating

- Meets latest India CPCBII as per G.S.R 771(E) dated 11/12/2013 and its further amendments.
- Meets CPCB / MOEF norms as per G.S.R 371(T) dated 17/05/2002 and its further amendments.

### Genset Technical Data

- **Genset Rating (kVA):** 10
- **No of Phases:** 1
- **Power Factor:** 0.8
- **Voltage (V):** 230
- **Frequency (Hz):** 50
- **Current (A):** 13.9
- **Controller Type:** Manual
- **Starting System:** 12 V D.C.
- **Genset Weight (kg):** 670
- **Noise @ 75% load (dBA):** < 75 @ 1m
- **Genset Dimensions (LxWxH) (mm):** 1911 X 836 X 1194
- **Battery Type:** 12 Volt
- **Circuit Breaker Rating (A):** 50A

### Engine Technical Data

- **Engine Model:** FBD2-1.2D2
- **Engine Speed (rpm):** 1500
- **Engine Volume (l):** 1.2
- **Rated Power (kW):** 16.2
- **No. of cylinder:** 2
- **Bore (mm):** 87
- **Stroke (mm):** 100
- **Compression Ratio:** 17.5:1
- **Aspiration:** TC-IC
- **Cooling System:** Liquid Cooled
- **Cooling System Capacity (l):** 5.5
- **Governing:** Electronic / Isochronous

### Alternator Technical Data

- **Alternator Make:** Mecc-Alte
- **No of Bearings:** Single Bearing
- **Alternator model:** ECP 3-3L/4
- **Alternator rating:** 10
- **Class of insulation:** H
- **Coupling details:** SAE 3 / 11.5”
- **Voltage Variation (%):** +/- 1
- **Rated Full load current (A):** 43.5

### Fuel & Oil Systems Technical Data

- **Fuel System:** CRDI
- **Type Of Fuel:** HSD
- **Genset Fuel Tank Capacity (l):** 75
- **Fuel Consumption - @ 100% Load (l/hr)*:** 2.89
- **Fuel Consumption - @ 75% Load (l/hr):** 2.21
- **Fuel Consumption - @ 50% Load (l/hr):** 1.66
- **Fuel Consumption Tolerance:** 0 to +5%
- **Lube Oil change period (hrs):** 500
- **Oil Type:** 15W40 CH4
- **Oil capacity (l):** 4.5
- **Oil Consumption @100% load (l/hr):** < 0.1% of FC

*sp.gr of fuel - 0.835kg/litre
Standard operating conditions as per ISO3046
Prime Rating as per ISO8528
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