

Guaranteed Technical Particulars

DOCREF: IAE/ GTP-1/13-14; Rev: 00

Battery Particulars

- Battery Type : Maintenance Free Valve Regulated Lead Acid (MF-VRLA)
- Battery Rating : 12V-125Ah at 10.50VPM @C10 at 27°C
- Volts/Module : 12 Volts
- Module dimensions : (556 X 123 X 256) mm. Approx
- Module weight : 43 Kg. Approx

Charge Regime

- Batteries shall be charged in constant potential mode with current limit
- Float charging voltage : 13.5 volts per module @ 27°C
- Boost charging voltage : 13.8 volts per module @ 27°C
- Current limit : Max 20% of rated capacity

Product Details

- AH efficiency : Above 90%
- WH efficiency : Above 80%
- Self Discharge/Week : < 1% of rated capacity at 27°C
- Designed Float Life at 27°C : > 12 years
- Recommended Max period of storage : 6 months from the date of dispatch before first use and battery should be stored in a Covered area at 25°C
- Material of container : Flame retardant V0 container & cover
- Type of separator : Highly absorbent Micro porous spun glass matrix (AGM)
- Type of +ve & -ve plates : Flat pasted
- Short circuit current : 2742 Amps Approx.
- Internal resistance : 4.64 m Ohm Approx.
- Life of battery at 27°C : 1800+ cycles at 20 % DOD
(OR)
900+ cycles at 50 % DOD
(OR)
500+ cycles at 80 % DOD