



CF-12V25



CAREFREE RECHARGEABLE - LEAD ACID

Product Name	Sealed Lead Acid(SLA)
Technology	AGM

APPLICATIONS

Airports; Emergency; Medical; Military;
Navigation; Railroad Signals; Residential;
Security

PERFORMANCE SPECIFICATIONS

Voltage (Volts)	12
Capacity (Amp-Hours)	25

DIMENSIONS AND WEIGHT

Width/Diameter (Inches)	4.9
Length/Depth (Inches)	6.5
Height/Thickness (Inches)	6.9
Weight (Pounds)	18.7

PRODUCT NOTES

Terminal is a threaded insert, ABS case material

SPECIFICATIONS CF-12V25

Nominal Voltage 12V

Nominal Capacity at 77°F (25°C)

Voltage readings are per cell

20 Hour Rate

(1.25 amps to 1.75 volts) 25.00 ampere hours

10 Hour Rate

(2.24 amps to 1.75 volts) 22.40 ampere hours

5 Hour Rate

(3.84 amps to 1.75 volts) 19.20 ampere hours

1 Hour Rate

(15.5 amps to 1.60 volts) 15.50 ampere hours

1/2 Hour Rate

(25.6 amps to 1.60 volts) 12.80 ampere hours

Max. Physical Size

Length 6.50 inches (165mm)

Width 4.90 inches (125mm)

Height (excluding terminals) 6.90 inches (175mm)

Height (including terminals).... 7.20 inches (182mm)

Weight 18.70 lbs (8.5kg)

Energy Density

(20 Hour Rate) 1.44 watt hrs/cu in

(20 Hour Rate) 17.43 watt hrs/lbs

Operating Temperature Range:

Discharge -60°F to +140°F (-51°C to +60°C)

Charge 0°F to +120°F (-18°C to +49°C)

Recharging Methods:

Float Charging: Constant Potential Source of 13.6 to 13.8 volts continuously.

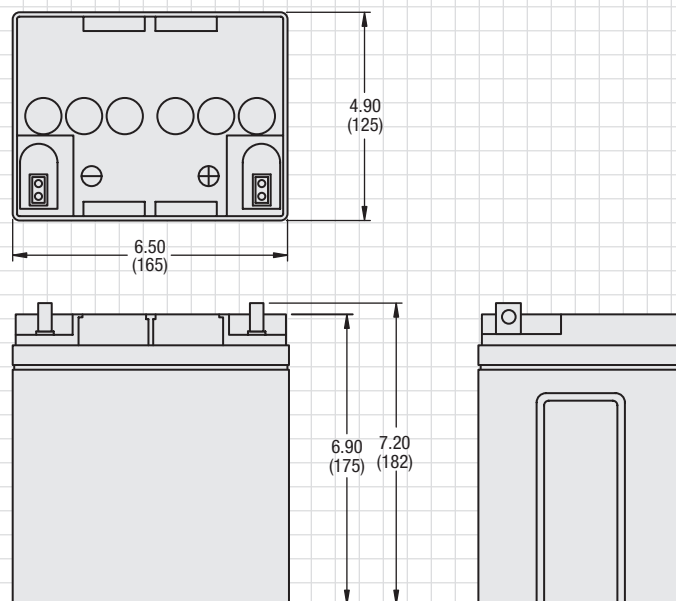
Routine Charging: Constant Potential Source of 14.5 to 14.9 volts with a charging current of 9.6 ampere maximum.

Terminal: Standard is tin plated brass, positive terminal is 0.030 stock by 0.250 wide, negative terminal is 0.030 stock by 0.250 wide, mates with Amp Faston series or equal. Shown with alternative threaded insert, bolt and washer terminal.

Case Material: ABS



PRODUCT SCHEMATIC



Above data are average values which can be obtained within 3 charge/discharge cycles. These are not minimum values.