



CFR-6V58



CAREFREE RECHARGEABLE - LEAD ACID

Product Name	Sealed Lead Acid(SLA)
Technology	AGM

APPLICATIONS

Airports; Industrial; Medical; Military; Railroad
Signals; Regional; Remote; Residential;
Security; Solar/Wind; Towers; UPS/Lighting

PERFORMANCE SPECIFICATIONS

Voltage (Volts)	6
Capacity (Amp-Hours)	58

DIMENSIONS AND WEIGHT

Width/Diameter (Inches)	4.39
Length/Depth (Inches)	7.3
Height/Thickness (Inches)	8.06
Weight (Pounds)	25

PRODUCT NOTES

Flame retardant polycarbonate case material

SPECIFICATIONS CFR-6V58

Nominal Voltage 6V

Nominal Capacity at 77°F (25°C)

Voltage readings are per cell

20 Hour Rate

(2.9 amps to 1.75 volts) 58 ampere hours

10 Hour Rate

(5.4 amps to 1.75 volts) 54 ampere hours

5 Hour Rate

(8.0 amps to 1.75 volts) 40 ampere hours

1 Hour Rate

(28.5 amps to 1.60 volts)..... 28.5 ampere hours

1/2Hour Rate

(55 amps to 1.60 volts) 27.5 ampere hours

Max. Physical Size

Length 7.30 inches (185mm)

Width 4.39 inches (112mm)

Height (excluding terminals) 8.06 inches (205mm)

Height (including terminals) 8.06 inches (205mm)

Weight 25 lbs (11kg)

Energy Density

(20 Hour Rate) 1.35 watt hrs/cu in

(20 Hour Rate) 13.92 watt hrs/lbs

Operating Temperature Range

Discharge -60°F to +165°F (-51°C to +71°C)

Charge 0°F to +120°F (-18°C to +49°C)

Recharging Methods:

Float Charging: Constant Potential Source of 6.8 to 6.9 volts continuously.

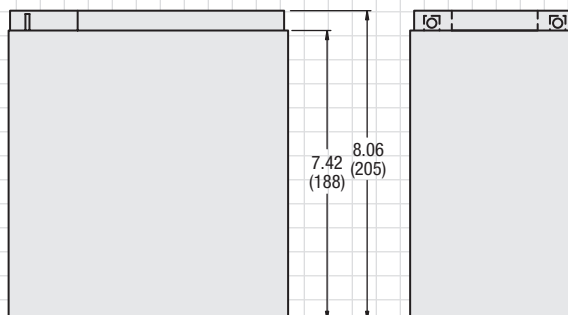
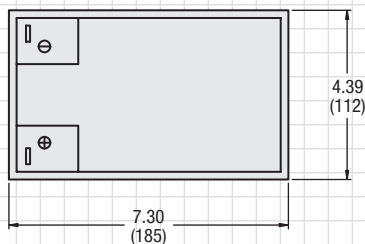
Routine Charging: Constant Potential Source of 7.25 to 7.45 volts with a charging current of 17.2 ampere maximum.

Terminal: Standard is lead post, bolt and nut

Case Material: Flame Retardant Polycarbonate



PRODUCT SCHEMATIC



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