CF-6V7

CAREFREE RECHARGEABLE - LEAD ACID

Product Name   Sealed Lead Acid(SLA)

Technology   AGM

APPLICATIONS

Airports; Emergency; Industrial; Medical; Military; Navigation; Railroad Signals; Residential; Security; Specialized Products; UPS/Lighting

PERFORMANCE SPECIFICATIONS

Voltage (Volts)   6

Capacity (Amp-Hours)   7

DIMENSIONS AND WEIGHT

Width/Diameter (Inches)   1.34

Length/Depth (Inches)   5.94

Height/Thickness (Inches)   3.7

Weight (Pounds)   3

PRODUCT NOTES

Terminal is tin plated brass, ABS case material

SPECIFICATIONS CF-6V7

Nominal Voltage 6V

Nominal Capacity at 77°F (25°C)
Voltage readings are per cell

20 Hour Rate
(0.35 amps to 1.75 volts)........ 7.00 ampere hours

10 Hour Rate
(0.65 amps to 1.75 volts)........ 6.50 ampere hours

5 Hour Rate
(1.12 amps to 1.75 volts) ...... 5.60 ampere hours

1 Hour Rate
(4.76 amps to 1.60 volts) ...... 4.76 ampere hours

1/2 Hour Rate
(7.35 amps to 1.60 volts)........ 3.68 ampere hours

Max. Physical Size:

Length .... 5.94 inches (151mm)
Width .... 1.34 inches (34mm)
Height (excluding terminals) ...... 3.70 inches (94mm)
Height (including terminals) .... 3.94 inches (100mm)
Weight: .... 3.00 lbs (1.36kg)

Energy Density

(20 Hour Rate) .... 1.42 watt hrs/cu in
(20 Hour Rate) .... 14.00 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:
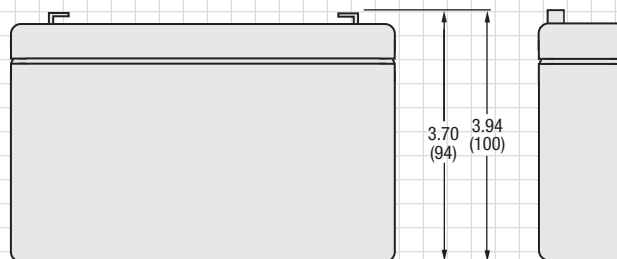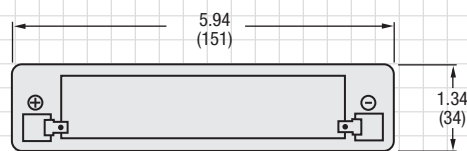Float Charging: Constant Potential Source of
6.8 to 6.9 volts continuously.

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

Terminal: Standard is tin plated brass, positive terminal is
0.030 stock by 0.187 wide, negative terminal is
0.030 stock by 0.187 wide, mates with Amp Faston
series or equal.

Case Material: ABS

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

PRODUCT SCHEMATIC

MAINTENANCE-FREE RECHARGEABLE BATTERIES