



# Rechargeable Sealed Lead-Acid Battery

## PS-12280

### 12 Volt 28.0 Amp. Hrs.



#### Features:

- Absorbent Glass Mat (AGM) technology for superior performance.
- Valve regulated, spill proof construction allows safe operation in any position.
- Power/volume ratio yielding unrivaled energy density.
- Rugged plastic case and cover
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified.
- U.L. recognized under file number MH 20845.



#### PERFORMANCE SPECIFICATIONS

<b>Nominal Voltage</b> .....	12 volts (6 cells in series)
<b>Nominal Capacity</b>	
20 hour rate (1.4A to 10.50 volts) .....	28.0 A.H.
10 hour rate (2.62A to 10.50 volts) .....	26.2 A.H.
5 hour rate (5.0A to 10.20 volts) .....	25.0 A.H.
1 hour rate (18.6A to 9.00 volts) .....	18.6 A.H.
15 min rate (58.8A to 9.00 volts) .....	14.7 A.H.
<b>Approximate Weight</b> .....	21.4 pounds (9.7 kg)
<b>Energy Density (20 hour rate)</b> .....	1.49 Watt-hours/cubic inch (91.2 Watt-hours/l)
<b>Specific Energy (20 hour rate)</b> .....	15.7 Watt-hours/pound (34.6 Watt-hours/kg)
<b>Internal Resistance (Fully Charged Battery)</b> .....	10 milliohms (approximately)
<b>Maximum Discharge Current ( ≤ 7 Min.)</b> .....	84 amperes
<b>Maximum Short-Duration Discharge Current ( ≤ 10 Sec.)</b> .....	280 amperes
<b>Terminal configurations</b> .....	"NB": Tin-plated brass posts with "Nut & Bolt" fasteners
<b>Shelf Life — % of nominal capacity at 68° F (20° C)</b>	
1 Month.....	97%
3 Months.....	91%
6 Months.....	83%
<b>Operating Temperature Range</b>	
<b>Charge</b> .....	-4°F (-20°C) to 122°F (50°C)
<b>Discharge</b> .....	-4°F (-20°C) to 140°F (60°C)
<b>Case</b> .....	ABS Plastic

To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website.

