



Rechargeable Sealed Lead-Acid Battery

PS-12350

12 Volt 35 Amp. Hrs.



Features:

- Absorbent Glass Mat (AGM) technology for superior performance.
- Valve regulated, spill-proof construction.
- Power/volume ration yielding unrivaled energy density.
- Recessed fold-down handles for safe and easy handling.
- 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.

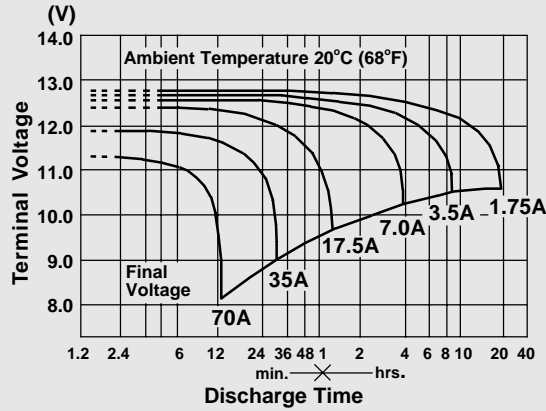


PERFORMANCE SPECIFICATIONS

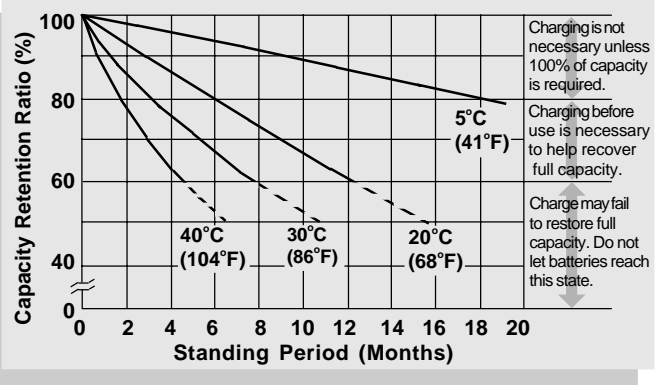
Nominal Voltage	12 volts (6 cells in series)
Nominal Capacity	
20 hour rate (1.75 A to 10.50 volts)	35.0 A.H.
10 hour rate (3.30 A to 10.50 volts)	33.0 A.H.
5 hour rate (6.20 A to 10.20 volts)	31.0 A.H.
1 hour rate (25.0 A to 9.00 volts)	25.0 A.H.
15 min. rate (70.0 A to 8.25 volts)	17.5 A.H.
Approximate Weight	25.0 pounds (11.4 kg)
Energy Density (20 hour rate)	1.72 Watt-hours/cubic inch (104.7 Watt-hours/l)
Specific Energy (20 hour rate)	16.8 Watt-hours/pound (36.8 Watt-hours/kg)
Internal Resistance (Fully Charged Battery)	5.6 milliohms (approximately)
Maximum Discharge Current (≥ 7 Min.)	100 amperes
Maximum Short-Duration Discharge Current (≥ 7 Sec.)	300 amperes
Standard Terminals	"NB": Heavy duty terminal posts with nut and bolt fasteners
Shelf Life — % of nominal capacity at 68° F (20° C)	
1 Month.....	97%
3 Months.....	91%
6 Months.....	83%
Operating Temperature Range	
Charge	-4°F (-20°C) to 122°F (50°C)
Discharge	-4°F (-20°C) to 140°F (60°C)
Case	ABS Plastic

CONSTANT POWER DISCHARGE RATINGS							
MODEL	FINAL VOLTAGE	WATTS PER CELL @ 25° C					
		5 MIN	10 MIN	15 MIN	20 MIN	30 MIN	60 MIN
PS-12350	1.75	245	170	135	108	80	45
	1.70	251	174	138	110	82	47
	1.67	258	176	140	113	83	48

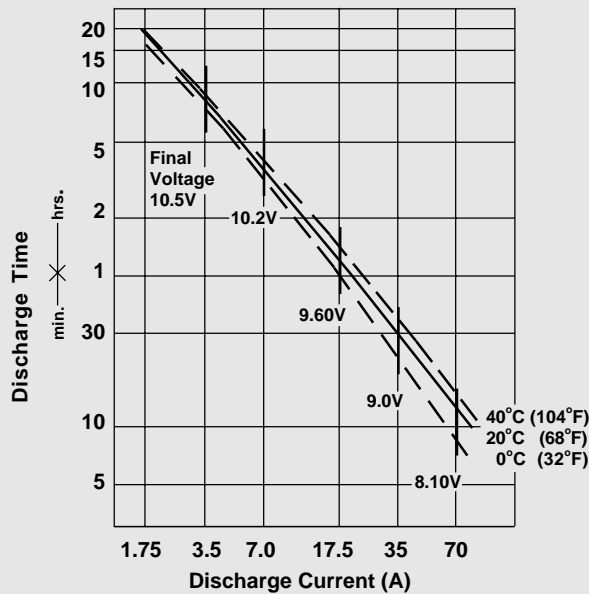
Discharge Characteristics



Shelf Life and Storage



Discharge Time vs. Discharge Current



All data subject to change without notice.

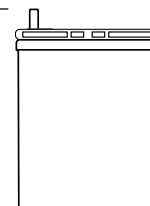
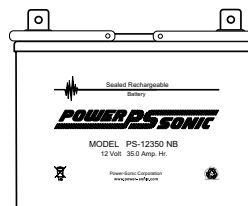
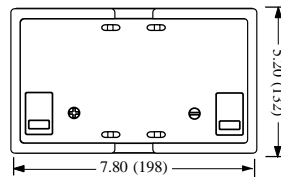
CHARGING

Cycle Applications: Limit initial current to 10A. Charge until battery voltage (under charge) reaches 14.40 to 14.70 volts at 68°F (20°C). Hold at 14.40 to 14.70 volts until current drops to approximately 350mA. Hold at 14.40 to 14.70 volts until current drops to approximately 350mA. "Float" or "Stand-By" Service: Hold battery across constant voltage source of 13.50 to 13.80 volts continuously.

NOTE: Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged after 6-9 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation.

Physical Dimensions: in. (mm)

Terminals



Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions.



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