

PG-1 2V65
12 Volt 65 A.H.



UPS / TELECOM BATTERY

FEATURES

Long Service Life

Thick plate design and efficient gas recombination yield a service life expectancy of 10 years in standby mode.

Low Internal Resistance

Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.

Maintenance-Free, Non-Spillable

Proven VRLA technology guarantees safe operation without maintenance and 'non-restricted article' status for transportation.

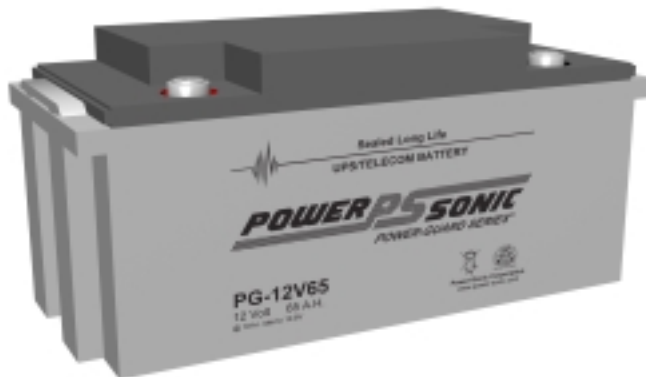
Low Self-Discharge

Lead-calcium alloy grids and use of high purity lead account for superior shelf-life characteristics permitting storage for extended periods of time.

Designed-In Reliability

Cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance.

PRODUCT



CE  ISO9001
MH20845

SPECIFICATIONS

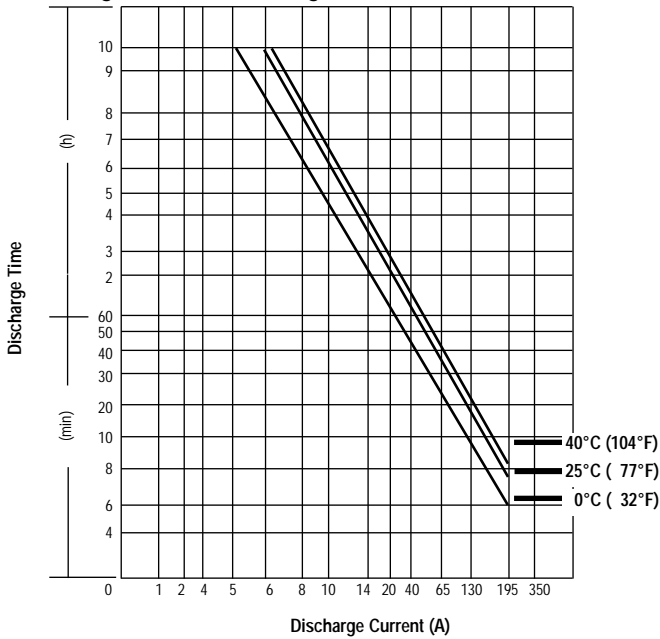
Nominal Voltage	12 Volt (6 cells)
Nominal Capacity	
20-hr. rate (3.53A to 10.8V)	70.6AH
10-hr. rate (6.5A to 10.8V)	65.0AH
8-hr. rate (7.9A to 10.5V)	63.2AH
5-hr. rate (11.2A to 10.5V)	56.0AH
3-hr. rate (16.9A to 10.5V)	50.7AH
1-hr. rate (39.0A to 9.6V)	39.0AH
Approximate Weight	49.0 lbs. (22.2 kg)
Energy Density (10-hr. rate)	1.23 W-hrs/in ³ (75.40 W-hrs/l)
Specific Energy (10-hr. rate)	19.92 W-hrs/lb (35.14 W-hrs/kg)
Internal Resistance	5.5 milliohms
30-sec. Discharge Current to 1.60V/cell	390 A
Terminals	T6: threaded insert w. 6 mm stud fastener
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 Material	ABS plastic

CONSTANT POWER DISCHARGE RATINGS

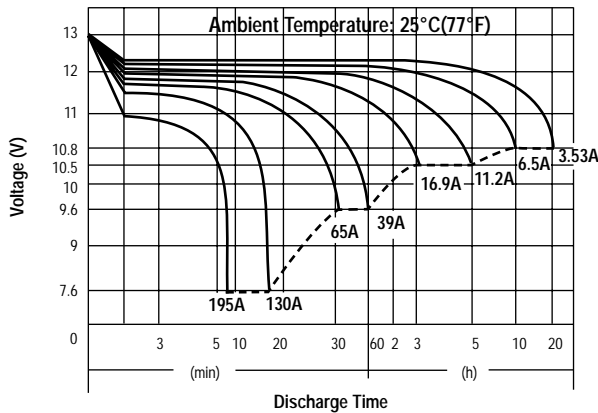
Model	Final	WATTS PER CELL @ 25°C						
		5 min	10 min	15 min	20 min	30 min	45 min	60 min
PG-12V65	1.80V	324	212	182	158	131	96	78
	1.75V	338	220	192	174	142	102	79
	1.67V	365	256	213	183	145	104	80
	1.60V	382	268	220	188	148	106	82

PERFORMANCE CHARACTERISTICS

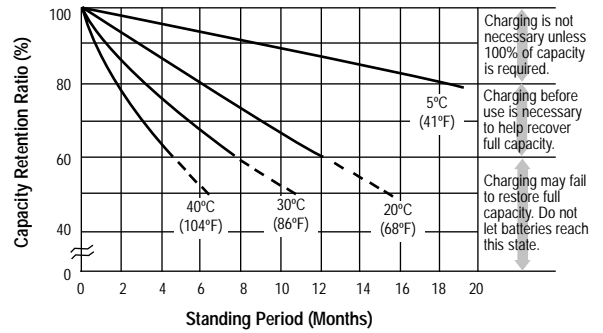
Discharge Time vs. Discharge Current



Discharge Characteristics



SELF-DISCHARGE & STORAGE

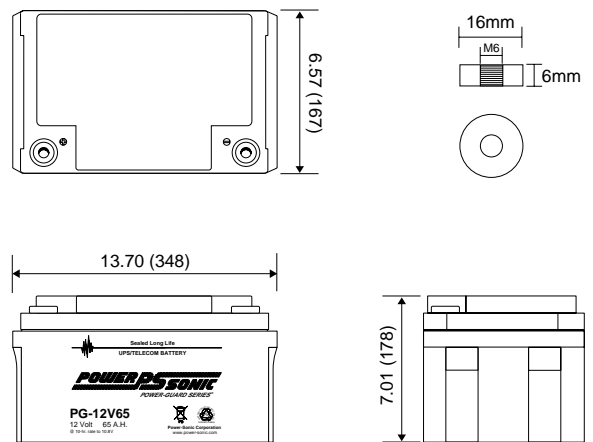


CHARGING

Cycle Applications: Limit initial current to 19.5A. 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 650mA.

"Float" or "Stand-By" Service: Hold battery across constant voltage source of 13.50 to 13.80 volts continuously.

PHYSICAL DIMENSIONS



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