

GS BATTERY (U.S.A.) INC.



PRODUCT:	PX12026	High Rate-long life rechargeable, valve regulated lead-acid (VRLA) battery		
NOMINAL VOLTAGE:	12 V			
NOMINAL CAPACITY:		WATTAGE:		
	at 20 hour rate	2.6Ah, 0.13A, FV=10.5V	at 60 minute rate	25 watts, FV=9.6V
	at 10 hour rate	2.34Ah, 0.234A, FV=10.5V	at 30 minute rate	40 watts, FV=9.6V
	at 5 hour rate	2.21Ah, 0.44A, FV=10.5V	at 15 minute rate	59 watts, FV=9.6V
	at 3 hour rate	1.82Ah, 0.61A, FV=10.2V	at 10 minute rate	77 watts, FV=9.6V
	at 1 hour rate	1.56Ah, 1.56A, FV=9.6V	at 7.5 minute rate	94 watts, FV=9.6V
	at 30 minute rate	1.38Ah, 2.76A, FV=9.0V	at 5 minute rate	124 watts, FV=9.6V
	at 15 minute rate	1.04Ah, 4.16A, FV=9.0V	at 2.5 minute rate	170 watts, FV=9.6V
WEIGHT: (approx.)	2.05 pounds (930 grams)			
Internal Resistance of Fully Charged Battery:	38 milliohms (approx.)			
ENERGY DENSITY: (0.05C)	1.41 Watt-hours / cubic inch	(85.9 Watt-hours / liter)		
SPECIFIC ENERGY: (0.05C)	15.22 Watt-hours / pound	(33.5 Watt-hours / kg)		
Maximum Discharge Current with Standard Terminals:	15.6 amperes	(at 25C)		
Maximum Short Duration Discharge Current: (less than 5 sec.)	39 amperes	(at 25C)		
Vibration Test:	No loss in capacity or performance (displacement:4mm,frequency:16.7Hz, time:1hour)			
Charge Retention: (shelf life)	% of nominal capacity at 77 degrees F (25 Celsius)			
	1 month:	97%		
	3 months:	90%		
	6 months:	80%		
Operating Temperature Range:	Charge	32 degrees F (0 C)	to	104 degrees F (40 C)
	Discharge	minus 4 degrees F (-20 C)	to	122 degrees F (50 C)
	Storage	minus 4 degrees F (-20 C)	to	104 degrees F (40 C)
Case Material:	Synthetic resin (ABS)			
Standard Terminal:	F1- AMP faston Type 187			
Dimensions:	length: 7.01 +/- 0.04 inches (178 +/- 1.0 mm)	width: 1.34 +/- 0.04 inches (34 +/- 1.0 mm)	height: 2.56+/- 0.08 inches with terminal (65 +/- 2.0 mm)	w/out: 2.36 +/- 0.08 inches (60 +/- 2.0 mm)
Charge Voltage Range:	Cycle use	14.4 - 14.7 V		
	Standby use	13.5 - 13.8 V		

Emergency Lite Service Center

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