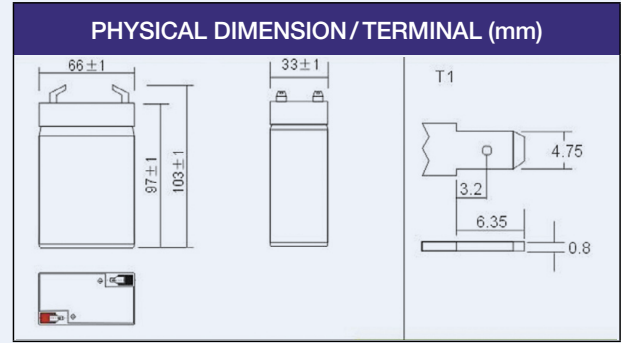
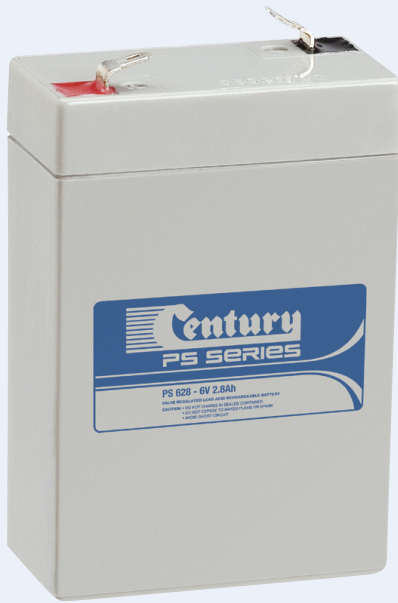
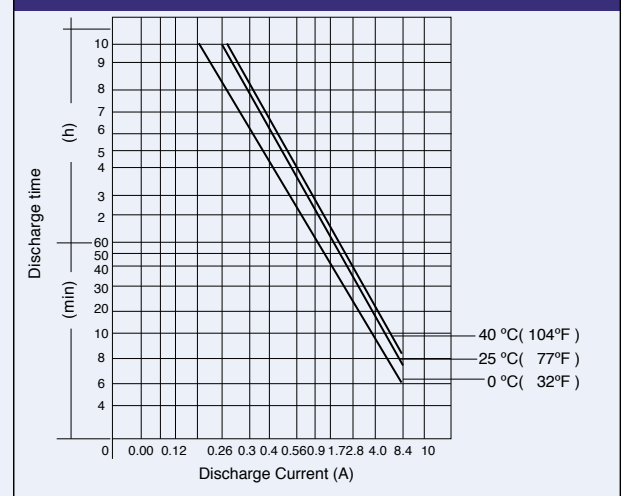


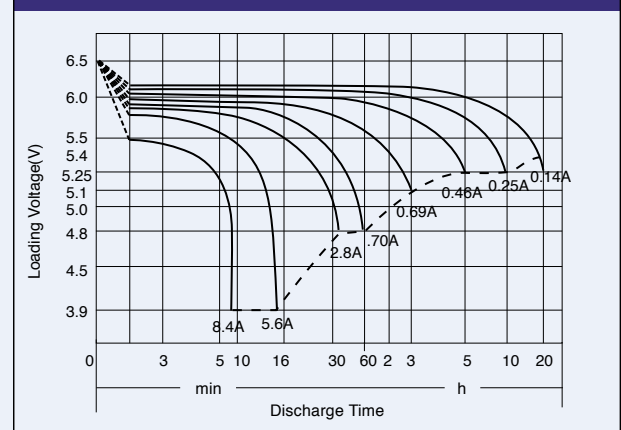
PS628 Specifications



DISCHARGING CURRENT & DISCHARGE DURATION TIME



DISCHARGE CHARACTERISTICS (25°C, 77°F)



PHYSICAL SPECIFICATION

Nominal Voltage		6V
Nominal Capacity (20HR)		2.8AH
Dimension	Length	66 ± 1mm (2.60 inches)
	Width	33 ± 1mm (1.30 inches)
	Container Height	97 ± 1mm (3.82 inches)
	Total Height (with Terminal)	103 ± 1mm (4.06 inches)
Weight		Approx 0.59kg (1.30lbs)
Terminal Type		T1 (standard)

ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (140mA)	2.80AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 0.84A. Voltage 7.20V- 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (252mA)	2.52AH			
	5 hour rate (457mA)	2.29AH			
	1 hour rate (1.68 A)	1.68AH			
Capacity affected by Temperature	40°C (104°F)	103%	Standby	No limit on Initial Charging Current Voltage 6.75V-6.90V at 25°C (77°F) Temp. Coefficient -10mV/°C	
	25°C (77°F)	100%			
	0°C (32°F)	86%			

CONSTANT CURRENT (AMP) AND CONSTANT POWER (WATT) DISCHARGE TABLE (25°C, 77°F)

Amp/Watt/Cell	Time (minute)	5	10	15	20	30	45	60	120	180	300	600	1200
	Final voltage/Cell	1.3	1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.8
A		10.82	7.72	5.30	4.33	3.12	2.16	1.68	0.95	0.69	0.46	0.25	0.14
W		19.37	14.50	10.10	8.47	6.11	4.30	3.33	1.88	1.37	0.92	0.50	0.29

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