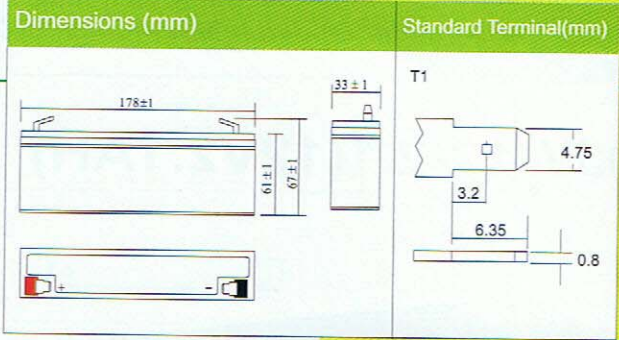


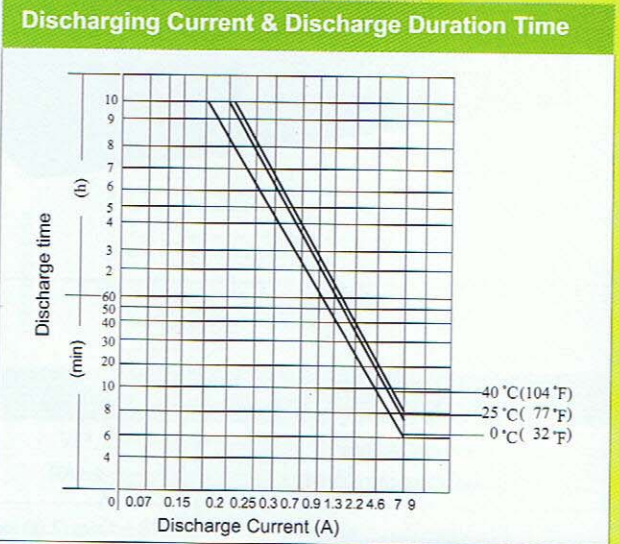


LANDPORT

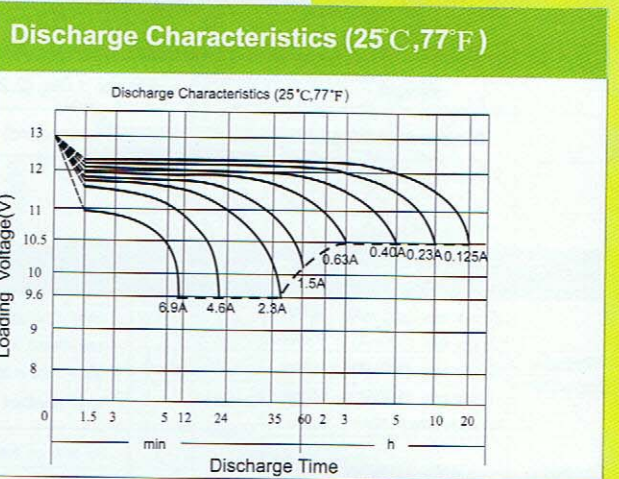
DJW12-2.3(12V2.3AH)



PHYSICAL SPECIFICATION			
Nominal Voltage		12V	
Nominal Capacity (20HR)		2.3AH	
Dimension	Length	178±1mm (7.00 inches)	
	Width	35±1mm (1.38 inches)	
	Container Height	60±1mm (2.36 inches)	
	Total Height (with Terminal)	66±1mm (2.60 inches)	
Weight		Approx 1.0kg (2.20lbs)	
Standard Terminal		T1(standard)	



ELECTRICAL SPECIFICATION			
Rated Capacity	20 hour rate (125mA)	2.5AH	Cycle Initial Charging Current less than 0.69A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (230mA)	2.3AH	
	5 hour rate (400mA)	2.0AH	
	1 hour rate (1.50A)	1.5AH	
Capacity affected by Temperature	40°C (104°F)	103%	Standby No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient -20mV/°C
	25°C (77°F)	100%	
	0°C (32°F)	86%	
Internal Resistance	Fully charged battery (25°C, 77°F) 40mΩ		



Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table											Discharge Time (Minute) to final voltage /cell			
Final voltage	Time	1	2	3	6	10	20	30	60	120	180	300	600	
1.75V	A	14.5	12.5	10.0	8.6	5.5	3.7	2.6	1.5	0.9	0.63	0.40	0.23	
	25°C W	21.5	18.5	14.8	12.8	8.9	7.0	3.7	2.8	1.7	1.4	0.86	0.49	
1.70V	A	19.1	13.6	13.1	8.9	6.4	3.8	2.9	1.5	0.9	0.7	0.44	0.26	
	25°C W	29.4	20.8	20.4	13.5	10.3	7.1	4.8	3.1	1.8	1.4	0.91	0.49	
1.60V	A	24.5	15.3	14.8	9.3	7.1	3.9	3.1	1.7	1.0	0.8	0.49	0.29	
	25°C W	34.5	21.9	21.1	14.0	12.1	7.4	5.1	3.3	1.8	1.5	0.94	0.53	
1.75V	A	12.5	11.0	8.8	6.6	4.4	3.6	2.5	1.4	0.8	0.6	0.41	0.23	
	5°C W	19.8	17.5	13.8	11.0	7.6	6.1	3.6	2.4	1.5	1.2	0.76	0.41	
1.70V	A	17.6	12.4	11.9	8.0	6.0	3.7	2.6	1.5	0.8	0.6	0.44	0.23	
	5°C W	26.0	18.5	18.1	12.6	9.3	7.0	4.4	2.6	1.6	1.2	0.79	0.45	
1.60V	A	21.2	13.0	12.4	8.4	6.9	3.8	2.6	1.5	0.9	0.7	0.46	0.24	
	5°C W	32.1	20.3	20.2	12.9	10.3	7.1	4.6	2.7	1.6	1.3	0.81	0.47	