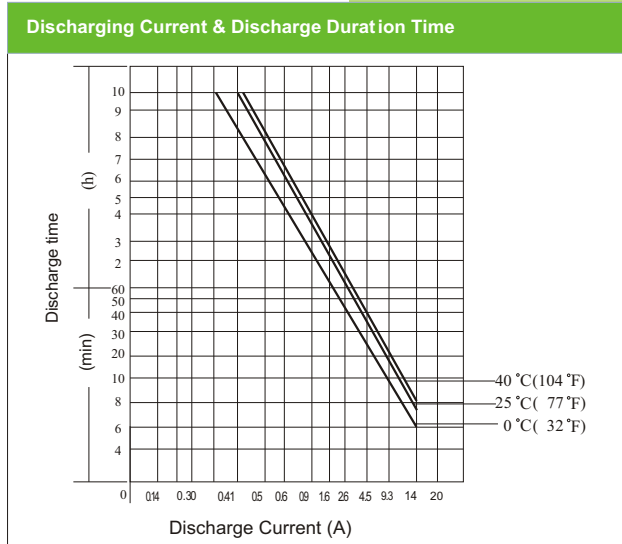
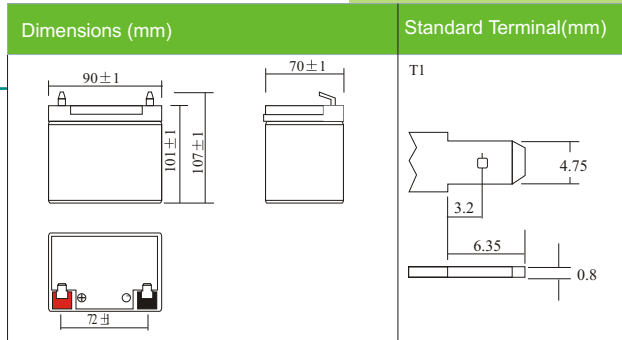
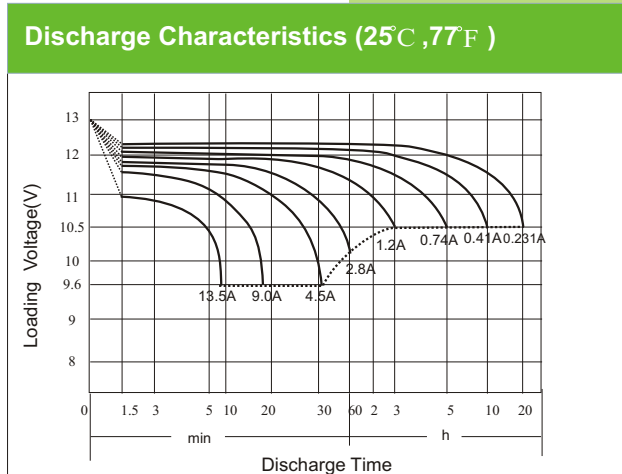


DJW12-4.5(12V4.5AH)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		4.5AH
Dimension	Length	90 ± 1mm (3.54 inches)
	Width	70 ± 1mm (2.76 inches)
	Container Height	101 ± 1mm (3.98 inches)
	Total Height (with Terminal)	107 ± 1mm (4.21 inches)
Weight		Approx 1.60kg (3.53lbs)
Standard Terminal		T1 (standard)



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (231mA)	4.6AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 1.35A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (412mA)	4.1AH			
	5 hour rate (742mA)	3.7AH			
	1 hour rate (2.8 A)	2.8AH			
Capacity affected by Temperature	15minute rate (6.9 A)	1.74AH	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C	
	40°C (104F)	103%			
	25°C (77F)	100%			
0°C (32F)	86%				
Internal Resistance	Fully charged battery (25°C, 77°F) 34mΩ				

Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table													
Final voltage	Time	Discharge Time (Minute) to final voltage/cell											
		1	2	3	6	10	20	30	60	120	180	300	600
1.75V	A	25.5	23.0	18.4	15.8	10.1	6.0	4.6	2.7	1.55	1.20	0.74	0.41
	25°C W	37.9	34.1	27.2	23.6	16.3	11.4	6.6	5.0	3.09	2.37	1.55	0.82
1.70V	A	33.6	25.0	24.1	16.4	11.8	7.0	5.0	2.8	1.65	1.22	0.76	0.52
	25°C W	51.8	38.2	37.5	24.8	18.9	11.9	8.5	5.5	3.19	2.47	1.60	0.93
1.60V	A	42.8	28.2	27.3	17.1	13.1	8.0	5.5	3.0	1.75	1.25	0.82	0.57
	25°C W	60.7	40.3	38.9	25.8	22.2	13.0	8.9	5.6	3.30	2.58	1.65	1.03
1.75V	A	22.0	20.3	16.1	12.2	8.1	5.7	4.3	2.5	1.44	1.13	0.67	0.36
	5°C W	34.8	32.2	25.3	20.2	13.9	10.8	6.0	4.2	2.58	2.06	1.34	0.72
1.70V	A	30.9	22.7	21.8	14.8	11.1	5.8	4.4	2.6	1.49	1.20	0.72	0.41
	5°C W	45.6	34.1	33.3	23.2	17.2	11.4	6.6	4.6	2.88	2.27	1.39	0.82
1.60V	A	37.1	23.9	22.9	15.5	12.7	5.9	4.7	2.7	1.55	1.21	0.74	0.46
	5°C W	56.4	37.4	37.1	23.7	19.0	12.5	8.1	4.8	2.99	2.37	1.44	0.93