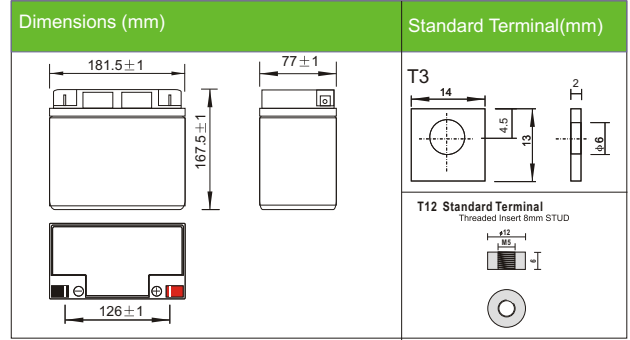
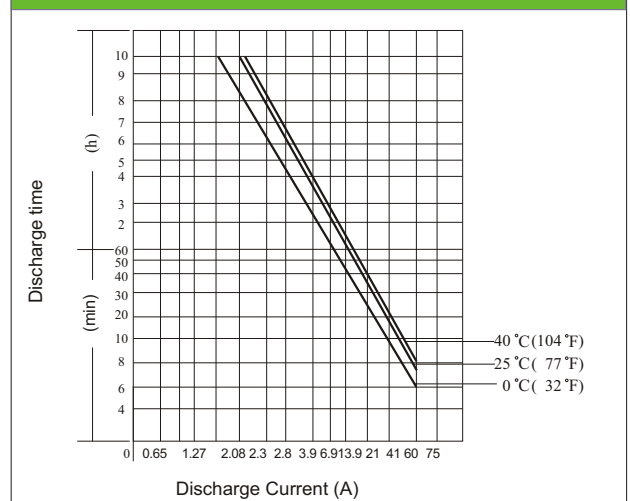




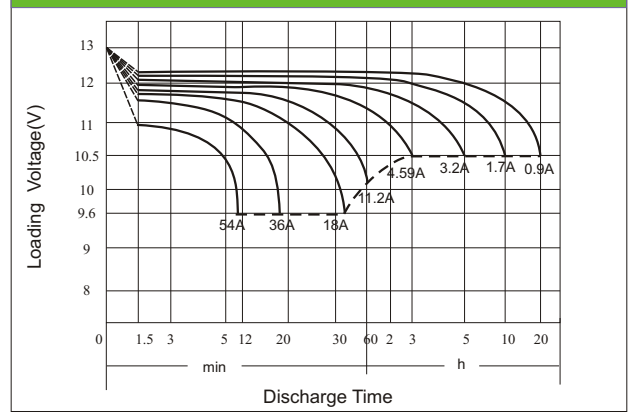
# DJW12-18(12V18AH)



## Discharging Current & Discharge Duration Time



## Discharge Characteristics (25°C, 77°F)



## PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20HR)		18AH
Dimension	Length	181.5±1mm (7.14 inches)
	Width	77±1mm (3.03 inches)
	Container Height	167.5±1mm (6.59inches)
	Total Height (with Cover)	167.5±1mm (6.59inches)
Weight		Approx 5.70kg (12.57lbs)
Standard Terminal		T3/T12(standard)

## ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (0.9 A)	18.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 5.4A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (1.7 A)	17.0AH			
	5 hour rate (3.2 A)	16.0AH			
	1 hour rate (11.1A)	11.1AH			
Capacity affected by Temperature	15minute rate (34.3 A)	8.58AH	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient - 20mV/C	
	40°C (104°F)	103%			
	25°C (77°F)	100%			
Internal Resistance	0°C (32°F)	86%	Fully charged battery (25°C, 77°F) 16mΩ		

## Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table

Final voltage	Time	Discharge Time (Minute) to final voltage /cell												
		0.5	1	2	3	6	10	20	30	60	120	180	300	600
1.75V	A	116	106	97	77	73.5	40.2	24.4	18.6	10.1	6.45	4.59	3.20	1.70
25°C	W	185	158	144	114	110	72.6	44.5	34.5	19.3	12.4	9.13	6.25	3.42
1.70V	A	157	140	128	102	88.2	43.8	25.7	19.3	10.4	6.69	4.72	3.21	1.80
25°C	W	252	216	195	158	133	75.9	46.7	35.7	19.9	13.3	9.23	6.22	3.59
1.60V	A	203	179	158	124	105	47.3	27.8	21.5	11.2	7.09	5.07	3.43	1.85
25°C	W	293	254	226	177	149	80.4	49.4	42.4	20.8	13.5	9.71	6.60	3.64
1.75V	A	102	92	86	68	58.8	36.0	21.9	16.7	9.04	5.78	4.11	2.82	1.54
5°C	W	161	146	136	107	98.0	65.0	39.9	30.9	17.3	11.1	8.17	5.59	3.06
1.70V	A	140	129	116	92	78.4	39.2	23.0	17.3	9.34	5.99	4.22	2.87	1.61
5°C	W	216	191	175	140	124	68.0	41.8	32.0	17.8	11.9	8.25	5.57	3.22
1.60V	A	175	155	134	105	87.2	42.3	24.8	19.2	10.0	6.34	4.54	3.07	1.66
5°C	W	270	236	210	169	145	72.0	44.3	37.9	18.6	12.1	8.70	5.90	3.26