

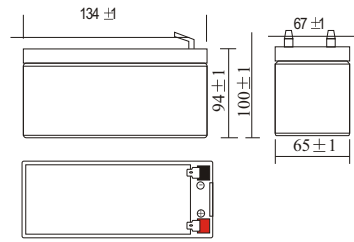


LANDPORT

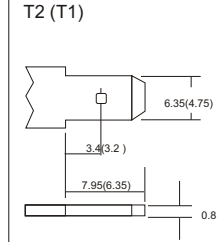
# DJW 12-8.0(12V8.0AH)



### Dimensions (mm)

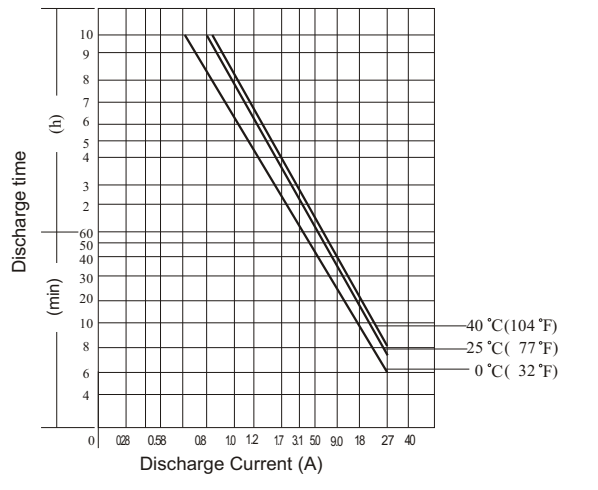


### Standard Terminal(mm)



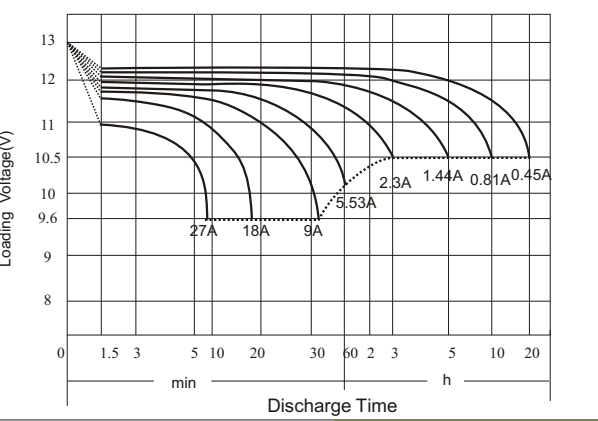
PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		8.0AH
Dimension	Length	151 ± 1mm (5.95 inches)
	Width	65 ± 1mm (2.56 inches)
	Container Height	94 ± 1mm (3.70 inches)
	Total Height (with Terminal)	100 ± 1mm (3.94 inches)
Weight		Approx 2.50kg (5.52lbs)
Standard Terminal		T2 or T1(standard)

### Discharging Current & Discharge Duration Time



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (450mA)	9.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 2.7A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (810mA)	8.1AH			
	5 hour rate (1.44 A)	7.2AH			
	1 hour rate (5.53A)	5.33AH			
Capacity affected by Temperature	15minute rate (13.5A)	3.38AH	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient -20mV/C	
	40C (104F)	103%			
	25C (77F)	100%			
Internal Resistance	0C (32F)	86%	Fully charged battery (25°C, 77°F) 16mΩ		

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



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	49.9	45.3	36.3	26.5	19.8	12.3	9	5.4	2.9	2.3	1.44	0.81
	25°C W	74.1	67.4	53.7	46.0	31.9	24.2	12	9.7	5.9	4.6	2.90	1.66
1.70V	A	63.0	48.9	47.1	32.1	23.1	13.6	9	5.5	3.2	2.4	1.54	0.90
	25°C W	97.2	74.8	73.3	48.6	37.0	26.2	16	10.6	6.1	4.9	3.07	1.66
1.60V	A	69.7	55.3	53.5	33.4	25.7	14.4	10	5.7	3.3	2.6	1.66	0.90
	25°C W	98.2	78.7	76.1	50.4	43.5	25.7	17	11.3	6.4	5.0	3.20	1.79
1.75V	A	42.9	40.1	31.6	23.9	15.9	11.8	8	4.8	2.5	2.0	1.41	0.72
	5°C W	67.9	63.3	49.9	39.6	27.3	21.3	11	8.1	5.0	4.0	2.56	1.32
1.70V	A	58.1	44.5	42.7	28.8	21.6	12.1	9	5.0	2.8	2.2	1.47	0.79
	5°C W	85.9	66.6	65.3	45.3	33.7	23.1	14	9.1	5.4	4.1	2.69	1.54
1.60V	A	60.2	46.8	44.7	30.3	24.7	12.3	9	5.1	2.9	2.3	1.50	0.82
	5°C W	91.5	73.3	72.5	46.3	37.3	23.4	15	9.3	5.6	4.4	2.80	1.60