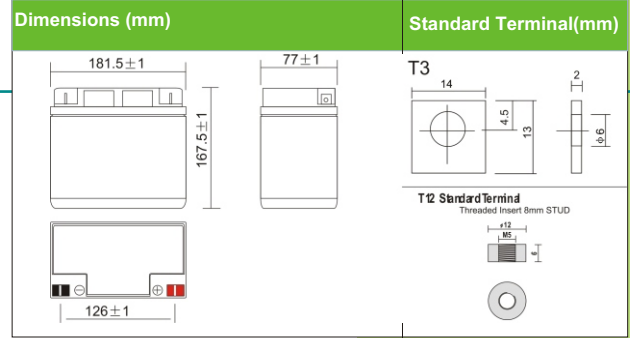


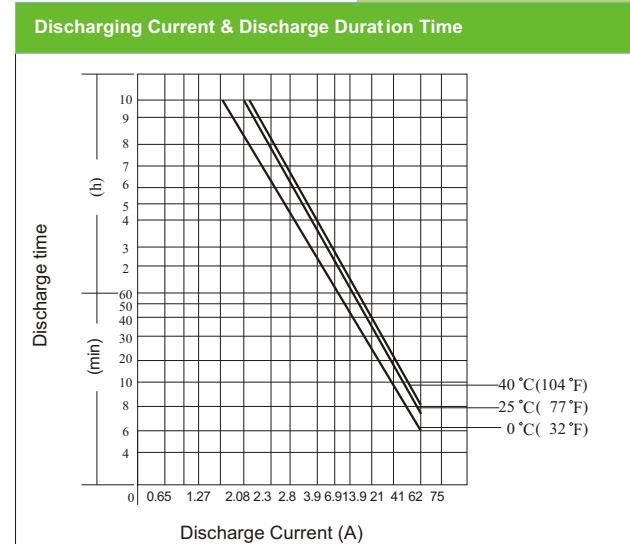


LANDPORT

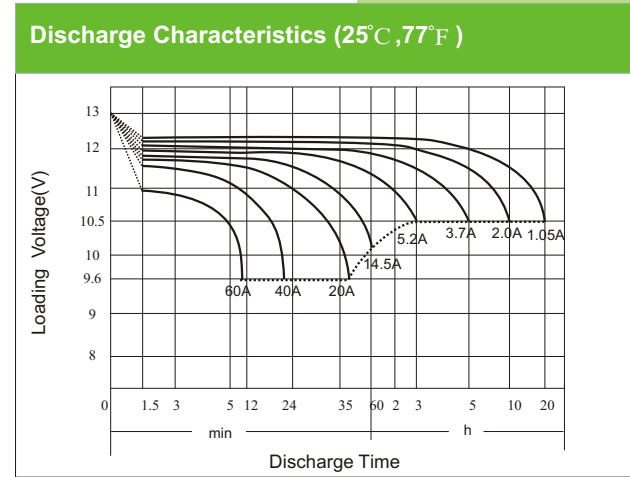
DJW 12-20(12V20AH)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		20AH
Dimension	Length	181.5±1mm (7.14 inches)
	Width	77±1mm (3.03 inches)
	Container Height	167.5±1mm (6.59 inches)
	Total Height (with Cover)	167.5±1mm (6.59 inches)
Weight		Approx 6.25kg (13.8lbs)
Standard Terminal		T3/T12(standard)



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (1.05 A)	21AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 6.0A. Voltage 14.4V~ 15.0V at 25C (77F) Temp. Coefficient -30mV/C
	10 hour rate (2.0 A)	20AH			
	5 hour rate (3.7 A)	18.5AH			
	1 hour rate (14.5 A)	14.5AH			
Capacity affected by Temperature	15minute rate (32.0 A)	8.00AH	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25C (77F) Temp. Coefficient - 20mV/C	
	40C (104F)	103%			
	25C (77F)	100%			
Internal Resistance	0C (32F)	86%	Fully charged battery (25°C, 77°F) 8mΩ		



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	118	105.6	84.6	61.8	46.2	28.8	22	13.4	7.1	5.2	3.7	2.0
25°C	W	176	157.2	125.4	107.4	74.4	56.4	30	23.4	14.2	11.1	7.1	4.0
1.70V	A	156	114.0	109.8	75.5	54.0	31.8	23	14.5	7.7	5.9	3.7	2.2
25°C	W	240	174.6	171.0	113.4	86.4	61.2	40	25.6	14.8	11.7	7.4	4.0
1.60V	A	199	129.0	124.8	78.0	60.0	33.6	25	15.7	8.0	6.2	4.0	2.3
25°C	W	282	183.6	177.6	117.6	101.4	60.0	41	27.1	15.4	12.0	7.7	4.3
1.75V	A	102	93.6	73.8	55.8	37.2	27.6	21	11.4	6.5	4.9	3.4	1.8
5°C	W	162	147.6	116.4	92.4	63.6	49.8	28	19.4	12.0	9.5	6.2	3.4
1.70V	A	143	103.8	99.6	67.2	50.4	28.2	21	12.0	6.8	5.2	3.5	1.9
5°C	W	212	155.4	152.4	105.6	78.6	54.0	35	21.9	12.9	9.9	6.5	3.8
1.60V	A	172	109.2	104.4	70.8	57.6	28.8	22	12.8	7.1	5.5	3.7	2.0
5°C	W	262	171.0	169.2	108.0	87.0	54.6	37	22.5	13.6	10.5	6.8	3.8