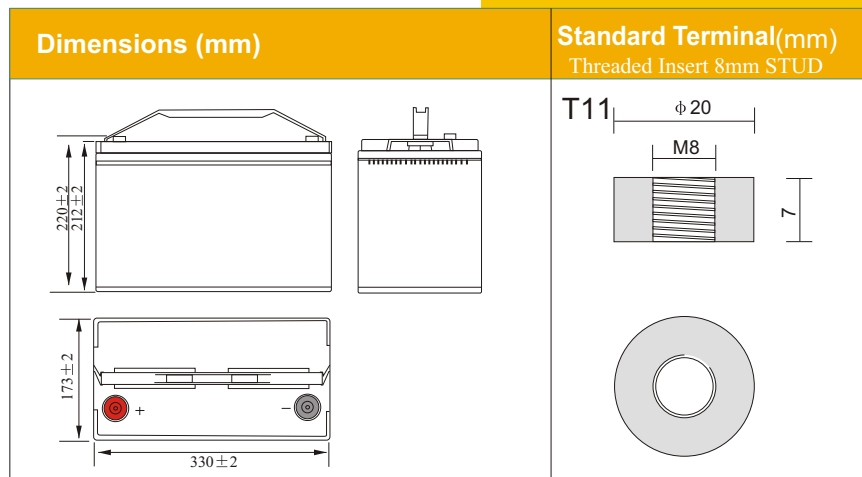
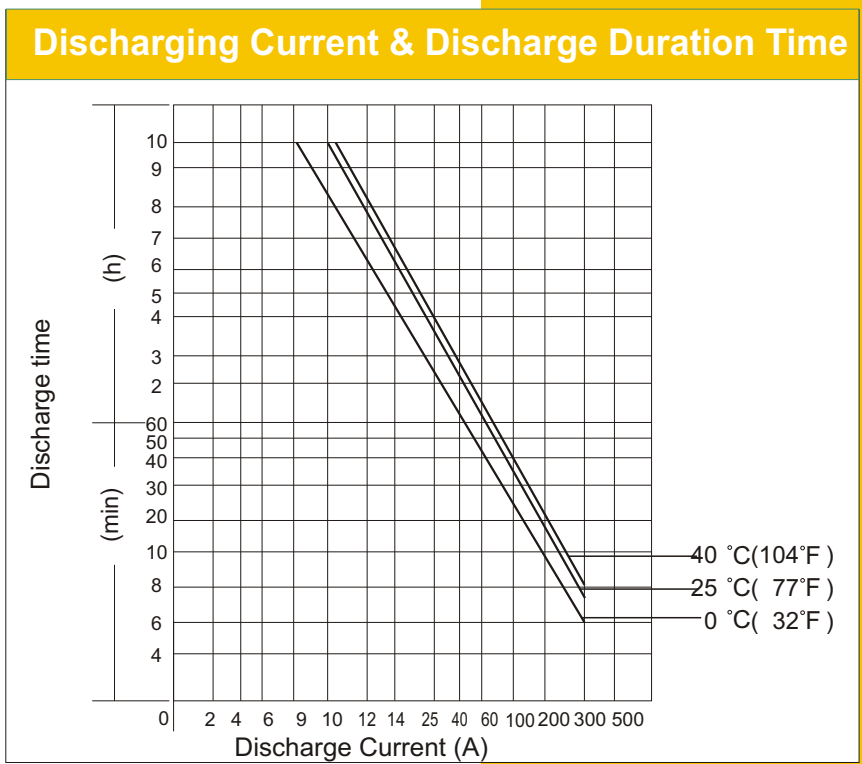




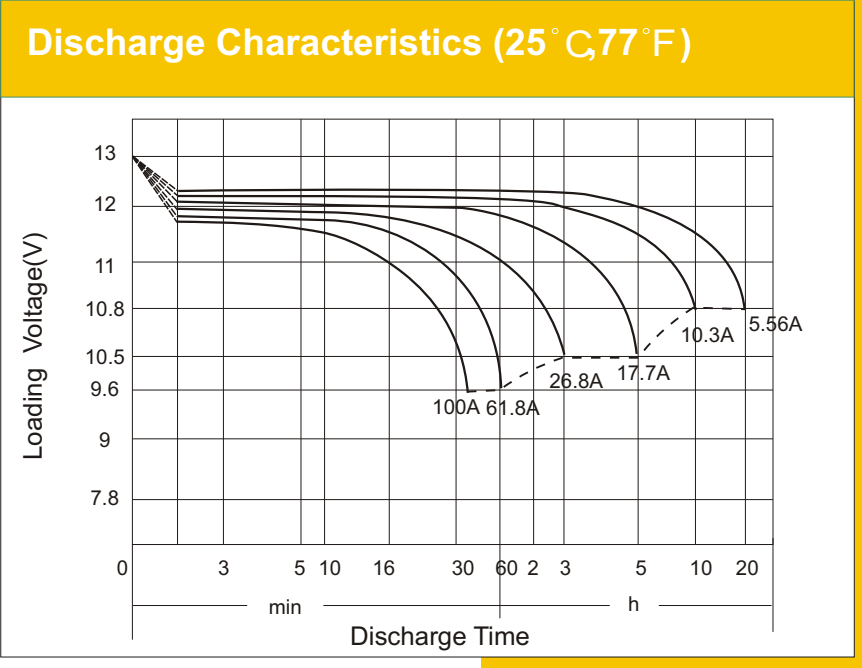
# DJM12100(12V100AH)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (10HR)		103AH
Dimension	Length	330±3mm (12.99 inches)
	Width	173±2mm (6.81 inches)
	Container Height	212±2mm (8.35 inches)
	Total Height (with Terminal)	220±2mm (8.66 inches)
Weight		Approx 32kg (70.6lbs)
Standard Terminal		Threaded Insert 8mm STUD



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (5.56 A)	111 AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 30A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (10.3 A)	103 AH			
	5 hour rate (17.7A)	88.5AH			
	3 hour rate (26.8A)	80.4AH			
	1 hour rate (61.8A)	61.8AH			
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) 4.9mΩ				



Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table							Discharge Time (Minute) to final voltage /cell					
Final voltage	Time	10	20	30	60	120	180	240	300	360	480	600
1.80V	A	183	121	98.4	58.0	33.7	25.4	20.1	17.3	15.2	12.3	10.3
25°C	W	335	223	186	111	65.1	49.2	39.1	33.7	29.8	24.5	20.6
1.75V	A	202	130	102	60.6	35.0	26.8	20.6	17.7	15.7	12.8	10.4
25°C	W	364	238	189	116	67.3	53.4	41.1	35.3	31.3	25.2	20.8
1.60V	A	243	146	118	67.0	38.6	29.6	22.9	19.6	16.7	13.3	10.9
25°C	W	438	270	223	125	73.8	56.7	44.0	37.8	32.3	26.0	21.5
1.80V	A	156	103	83.9	49.4	28.7	21.6	17.2	14.7	13.0	10.4	8.78
5°C	W	285	190	158	95.0	55.4	41.9	33.4	28.7	25.4	20.7	17.5
1.75V	A	172	111	87.1	51.7	29.8	22.8	17.6	15.1	13.3	10.9	8.86
5°C	W	311	203	161	98.8	57.3	45.5	34.0	30.1	26.0	21.4	17.7
1.60V	A	219	132	101	57.0	32.9	25.2	19.5	16.7	14.2	11.4	9.33
5°C	W	373	234	190	106	62.8	48.3	37.5	32.2	27.5	22.2	18.3