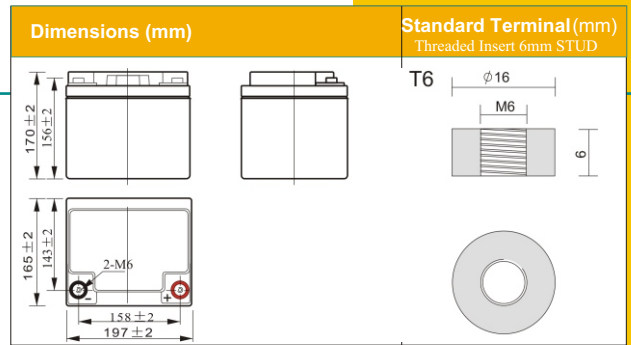
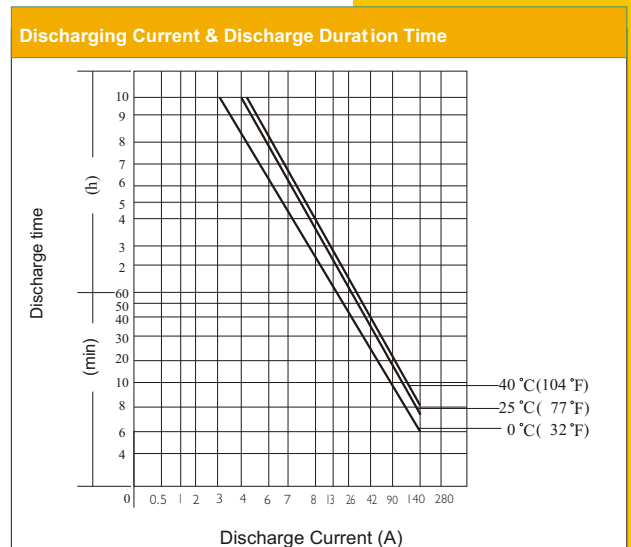


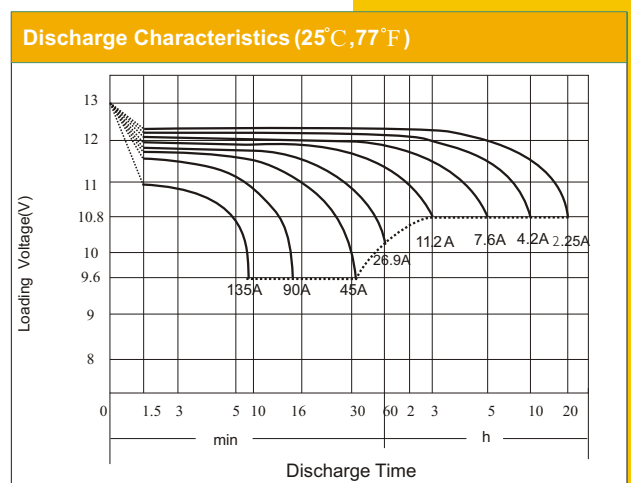
# DJM1245(12V45AH)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		45AH
Dimension	Length	197 ± 2mm (7.76 inches)
	Width	165 ± 2mm (6.50 inches)
	Container Height	170 ± 2mm (6.69 inches)
	Total Height (with Cover)	170 ± 2mm (6.69 inches)
Weight		Approx 14.9kg (32.9lbs)
Standard Terminal		Threaded Insert 6mm STUD



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (2.25 A)	45.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 12.6A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (4.20 A)	42.0AH			
	5 hour rate (7.60 A)	38.0AH			
	3 hour rate (11.2 A)	33.6AH			
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) 6.5mΩ				



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
180V	A	76	52	43	25.6	15.3	11.2	8.9	7.6	6.4	5.1	4.2
	W	137	95	81	50	29.7	21.8	17.1	14.5	12.3	9.8	8.4
175V	A	84	58	45	26.9	16.0	12.1	10.2	8.1	6.8	5.3	4.7
	W	152	108	86	52	31.0	23.4	19.5	15.5	12.9	10.1	9.1
160V	A	102	65	50	28.6	16.9	12.6	10.5	8.4	7.0	5.4	4.8
	W	181	120	93	55	32.6	24.3	19.7	15.9	13.0	10.2	9.0
180V	A	64	44	37	21.8	13.0	9.5	7.6	6.5	5.7	4.5	3.8
	W	116	80	70	42.1	25.2	18.5	14.7	12.5	10.9	8.6	7.4
175V	A	71	50	39	22.8	13.6	10.2	8.7	6.9	6.0	4.6	4.1
	W	129	92	74	44	26.4	19.9	16.8	13.3	11.4	8.9	8.0
160V	A	87	55	42	24.3	14.4	10.7	9.1	7.3	6.2	4.8	4.2
	W	154	102	79	47	27.7	20.7	17.1	13.7	11.5	9.0	8.1