



DJM1275(12V75AH)



Dimensions (mm)

Standard Terminal (mm)

Threaded Insert 6mm STUD

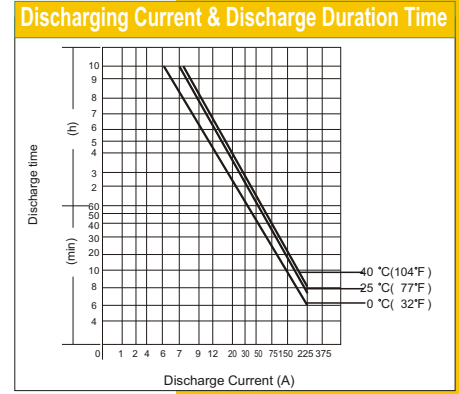
T6
Threaded Insert 6mm STUD

T9

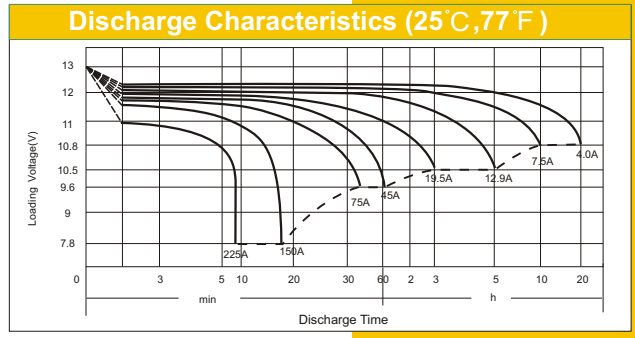
T14-1 Positive terminal

T14-2 Negative terminal

Physical Specification			
Nominal Voltage		12V	12V
Nominal Capacity (10HR)		75AH	75AH(H)
Dimension	Length	348±3mm (13.70 inches)	259±2mm (10.20 inches)
	Width	167±2mm (6.57 inches)	168±2mm (6.61 inches)
	Container Height	178±2mm (7.01 inches)	210±2mm (8.27 inches)
	Total Height (with Cover)	178±2mm (7.01 inches)	216±2mm (9.06 inches)
Weight		Approx 25.0kg (55.1lbs)	Approx 25.0kg (55.1 lbs)
Standard Terminal		T6	T6/T9/T14



Electrical Specification					
Rated Capacity	20 hour rate (4.0 A)	80.0AH	Constant Voltage	Cycle	Initial Charging Current less than 22.5A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (7.5 A)	75.0AH			
	5 hour rate (12.9 A)	64.5AH			
	3 hour rate (19.5 A)	58.5AH			
	1 hour rate (45.0 A)	45.0AH			
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) 6.6mΩ				



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	134	88.0	71.7	42.2	24.6	18.5	14.7	12.6	11.1	8.89	7.50
25°C	W	244	162	135	81.2	47.4	35.8	28.5	24.5	21.7	17.9	15.0
1.75V	A	147	94.5	74.4	44.1	25.5	19.5	15.0	12.9	11.4	9.33	7.58
25°C	W	265	173	138	84.4	49.0	38.9	29.9	25.7	22.8	18.3	15.1
1.60V	A	168	103	86.3	48.8	28.1	21.5	16.7	14.3	12.1	9.71	7.97
25°C	W	319	201	163	91.0	53.7	41.3	32.1	27.5	23.5	19.0	15.7
1.80V	A	114	74.9	61.1	36.0	20.9	15.8	12.5	10.7	9.43	7.57	6.39
5°C	W	208	138	115	69.2	40.4	30.5	24.3	20.9	18.5	15.1	12.7
1.75V	A	125	80.5	63.4	37.6	21.7	16.6	12.8	11.0	9.71	7.95	6.45
5°C	W	226	148	117	71.9	41.8	33.1	24.8	21.9	19.0	15.6	12.9
1.60V	A	160	95.9	73.5	41.5	24.0	18.4	14.2	12.2	10.3	8.27	6.79
5°C	W	272	171	139	77.5	45.8	35.2	27.3	23.4	20.0	16.1	13.4