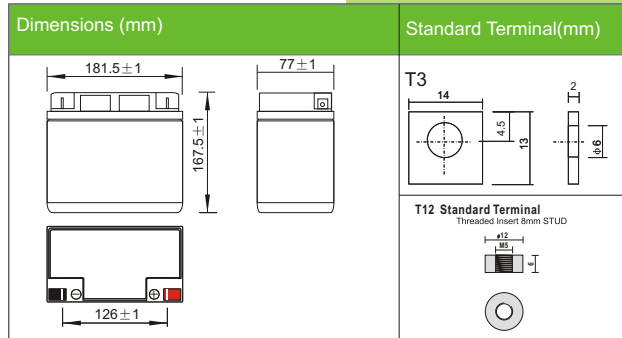




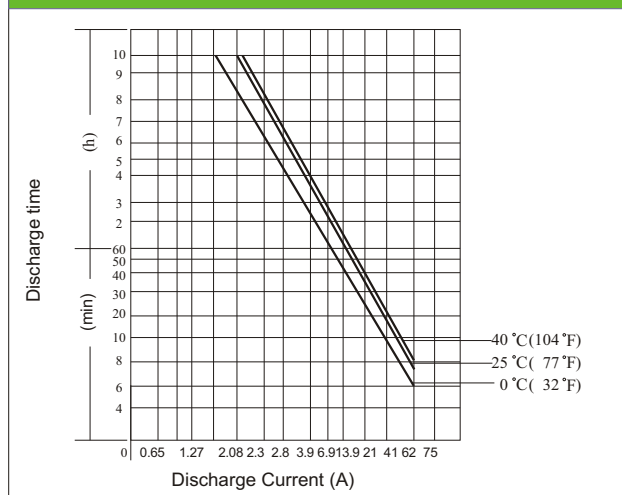
# DJW12-20(12V20AH)



## PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20HR)		21AH
Dimension	Length	181.5±1mm (7.14 inches)
	Width	77±1mm (3.03 inches)
	Container Height	167.5±1mm (6.59inches)
	Total Height (with Cover)	167.5±1mm (6.59inches)
Weight		Approx 6.0kg (13.3lbs)
Standard Terminal		T3/T12(standard)

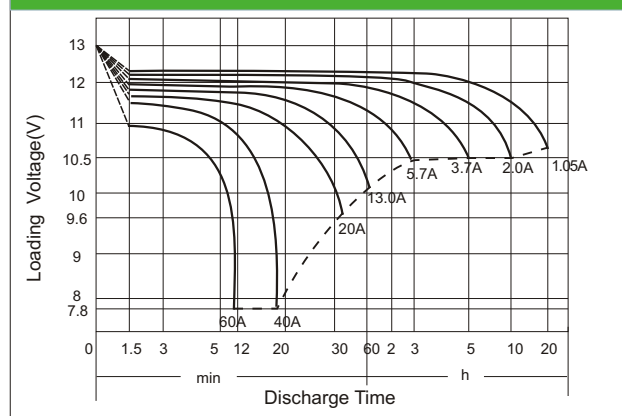
## Discharging Current & Discharge Duration Time



## ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (1.05 A)	21.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 6.0A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (2.0 A)	20.0AH			
	5 hour rate (3.7 A)	18.5AH			
	1 hour rate (13 A)	13.0AH			
Capacity affected by Temperature	15minute rate (40 A)	10.0AH	Standby Charge	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) 15mΩ		

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



## Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table

Final voltage	Time	0.5	1	2	3	6	10	20	30	60	120	180	300	600
1.75V	A	135.3	123.7	113.2	89.8	85.8	46.9	28.5	21.4	11.8	7.1	5.7	3.7	2.0
	W	215.8	184.3	168.0	133.0	128.3	84.7	52.0	39.7	22.5	14.2	11.1	7.1	4.0
1.70V	A	183.2	163.3	149.3	119.0	102.9	51.1	29.9	22.3	12.2	7.7	5.9	3.7	2.2
	W	294.0	252.0	227.5	184.3	155.2	88.6	54.5	41.2	23.2	14.8	11.7	7.4	4.0
1.60V	A	236.8	208.8	184.3	144.7	122.5	58.8	32.4	25.0	13.0	8.0	6.2	4.0	2.3
	W	341.8	296.3	263.7	206.5	173.8	99.9	57.7	48.9	24.3	15.4	12.0	7.7	4.3
1.75V	A	119.0	107.3	100.3	79.3	68.6	42.0	25.5	19.2	10.6	6.5	4.9	3.4	1.8
	W	187.8	170.3	158.7	124.8	114.3	75.8	46.5	35.5	20.2	12.0	9.5	6.2	3.4
1.70V	A	163.3	150.5	135.3	107.3	91.5	45.8	26.8	20.0	10.9	6.8	5.2	3.5	1.9
	W	252.0	222.8	204.2	163.3	144.7	79.3	48.7	36.9	20.8	12.9	9.9	6.5	3.8
1.60V	A	204.2	180.8	156.3	122.5	101.7	52.6	29.0	22.2	11.7	7.1	5.5	3.7	2.0
	W	315.0	275.3	245.0	197.2	169.2	89.5	51.6	43.8	21.8	13.6	10.5	6.8	3.8