

UP200-6



Specification		
Nominal Voltage	6V	
Nominal Capacity (10HR)	200.0AH	
Dimension	Length	306±3mm (12.05 inches)
	Width	168±2mm (6.61 inches)
	Container Height	222±3mm (8.74 inches)
	Total Height (with Terminal)	228±3mm (8.98 inches)
	Approx Weight	Approx 29.0 kg (63.9lbs)
Terminal	T8	
Container Material	ABS	
Rated Capacity	208.0 AH/10.4A	(20hr, 1.80V/cell, 25°C/77°F)
	200.0 AH/20.0A	(10hr, 1.80V/cell, 25°C/77°F)
	172.0 AH/34.4A	(5hr, 1.75V/cell, 25°C/77°F)
	156.0 AH/52.0A	(3hr, 1.75V/cell, 25°C/77°F)
	122.0 AH/122.0A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	2000A (5s)	
Internal Resistance	Approx 1.4mΩ	
Operating Temperature Range	Discharge: -15~50°C (5~122°F)	
	Change : 0~40°C (32~104°F)	
	Storage : -15~40°C (5~104°F)	
Nominal Operating Temperature Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 60.0A.Voltage. 7.2V~7.5V at 25°C(77°F)Temp. Coefficient -15mV/°c	
Standby Use	No limit on Initial Charging Current Voltage. 6.75V~6.9V at 25°C(77°F)Temp. Coefficient -10mV/°C	
Capacity affected by Temperature	40°C (104°F) 103%	
	25°C (77°F) 100%	
	0°C (32°F) 86%	
Self Discharge	Batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required.	

Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	342.3	269.1	228.9	191.4	152.1	115.1	94.3	60.1	47.5	38.8	31.3	27.2	22.1	18.9	10.3
1.80V/cell	459.5	343.9	276.5	226.3	179.5	133.9	105.6	65.5	51.1	41.4	33.6	29.2	23.4	20.0	10.4
1.75V/cell	/	377.8	302.0	243.4	186.4	139.0	110.5	68.0	52.0	42.3	34.4	30.0	23.8	20.2	10.5
1.70V/cell	/	411.8	322.5	255.8	194.0	144.5	114.0	70.7	53.5	43.5	35.3	30.6	24.2	20.4	10.7
1.65V/cell	/	444.4	342.9	271.8	204.6	148.1	117.8	72.7	55.8	45.0	36.3	31.3	24.6	20.8	10.8
1.60V/cell	/	/	366.7	289.5	216.0	154.4	122.0	75.1	57.5	46.4	37.5	32.0	24.8	21.0	10.9

Constant Power Discharge (Watts) at 25°C (77°F)

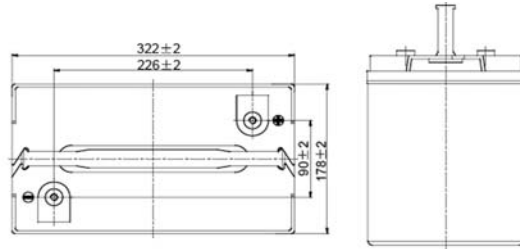
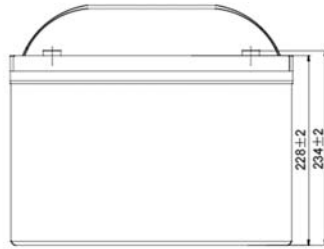
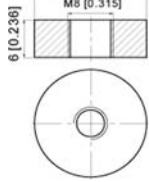
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	625.9	497.1	427.1	360.8	290.0	221.3	181.9	116.6	92.6	75.8	61.3	53.5	43.6	37.4	20.4
1.80V/cell	831.2	627.7	509.0	420.3	336.9	255.4	202.6	126.4	99.0	80.5	65.5	57.2	46.1	39.5	20.6
1.75V/cell	/	678.7	549.2	447.8	346.9	262.5	211.0	130.6	100.5	82.1	67.0	58.6	46.8	39.9	20.7
1.70V/cell	/	723.0	578.2	467.1	359.1	272.0	217.0	135.6	103.1	84.1	68.6	59.7	47.4	40.2	21.1
1.65V/cell	/	773.1	610.1	492.5	375.7	276.3	222.7	138.5	107.0	86.6	70.2	60.8	48.1	41.0	21.4
1.60V/cell	/	/	641.7	518.9	393.8	286.4	229.4	142.5	109.8	89.1	72.3	62.0	48.4	41.4	21.5



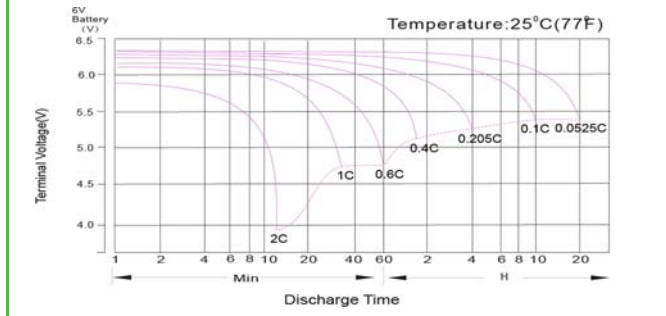
UP200-6

Dimensions

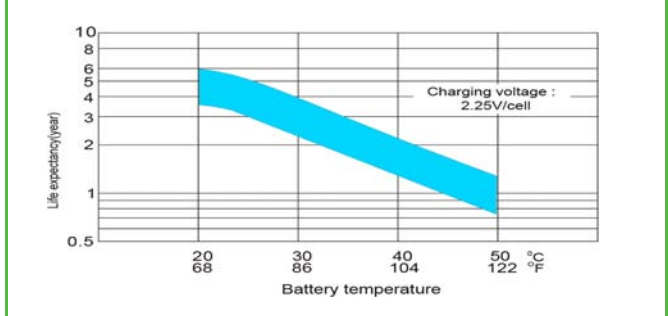
■ T8 Terminal
Unit: mm [inches]



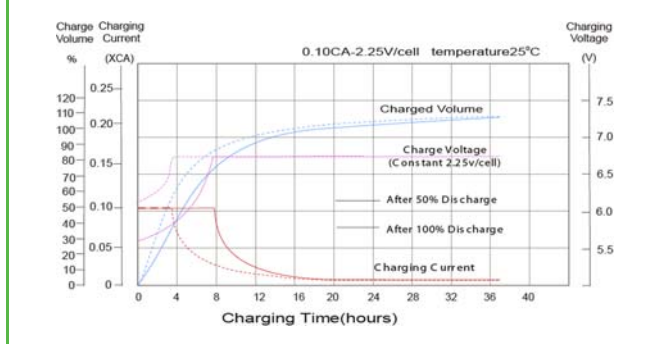
Discharge Characteristics



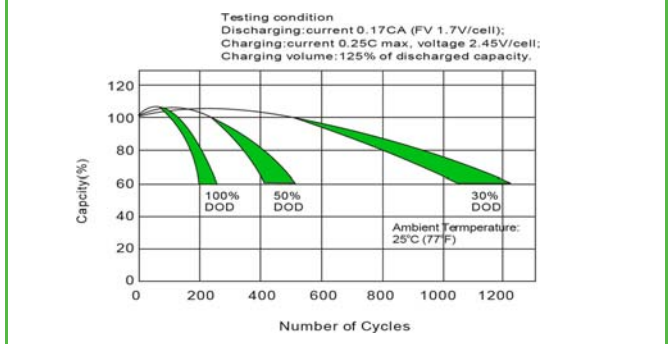
Effect of Temperature on Long Term Float Life



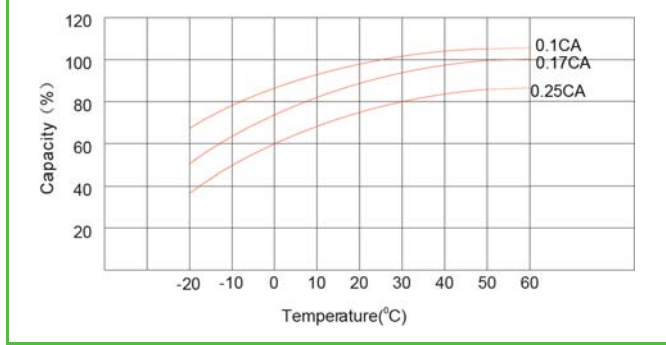
Float Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Battery Capacity



Self Discharge Characteristics

