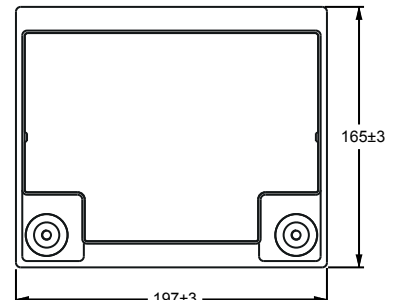
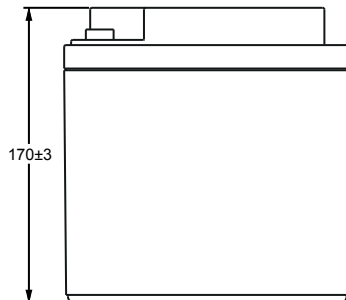
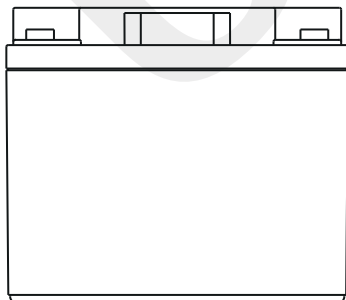


### Technical Dimensions (mm)

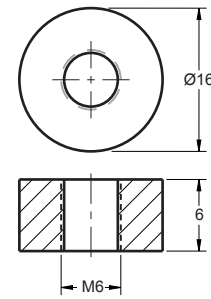


Image



Terminal Dimensions (mm)

Standard Terminal: F6



Technical Specification

<b>Output</b>	Nominal Voltage	12V
	Watts @ 15min, 1.67V/Cell	120W
<b>Terminal Type</b>	Standard Terminal	F6
<b>Container Material</b>	Standard Option	ABS
	Flame Retardant Option (FR)	ABS (UL94:VO)
<b>Rated Capacity</b>	(10HR 1.80V/cell, 25°C)	40 Ah/4.00A
	(8HR 1.80V/cell, 25°C)	35.3 Ah/4.41A
	(5HR 1.75V/cell, 25°C)	33.5 Ah/6.69A
	(3HR 1.75V/cell, 25°C)	30.3 Ah/10.1A
	(1HR 1.67V/cell, 25°C)	24.5 Ah/24.5A
<b>Max Discharge Current</b>	500A (5s)	
<b>Internal Resistance</b>	Approx 10mΩ	
<b>Discharge Characteristics</b>	Operating Temp Range	Discharge: -15 ~ 50°C Charge: 0 ~ 40°C Storage: -15 ~ 40°C
	Nominal Operating Temp Range	25 ± 3°C
	Cycle Use	Initial Charging Current less than 9.5A. Voltage 14.1V~14.4V @ 25°C Temp. Coefficient -3mV/°C
	Standby Use	Initial Charging Current less than 9.5A. Voltage 13.5V @ 25°C Temp. Coefficient -2mV/°C
	Capacity affected by Temperature	40°C 106% 25°C 100% 0°C 86%
<b>Design Floating Life at 20°C</b>	12 Years	

Constant Current Discharge / Constant Power Discharge At 25°C (Amperes & Watts/Cell)

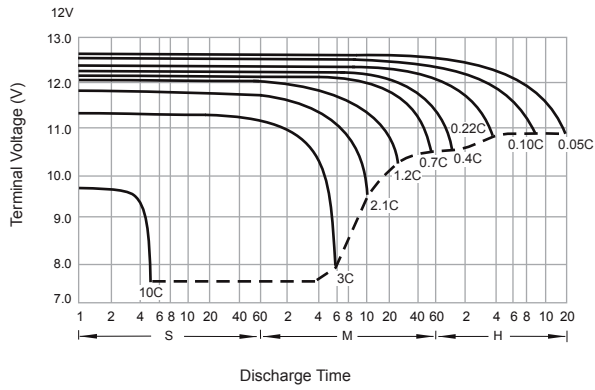
A = Amperes W = Watts

F.V/TIME	5 min	10 min	15 min	20 min	30 min	45 min	60 min	90 min	2 hours	3 hours	4 hours	5 hours	8 hours	10 hours
1.85V/cell	71.8	57.3	49.7	39.1	27.6	26.8	21.0	15.6	12.6	9.35	7.40	6.26	4.32	3.80
1.80V/cell	81.6	65.1	56.3	44.2	31.1	28.4	22.4	16.6	13.3	9.79	7.67	6.50	4.41	4.00
1.75V/cell	88.7	70.6	61.0	47.7	33.4	29.6	23.3	17.2	13.8	10.1	7.92	6.69	4.46	4.32
1.70V/cell	94.8	75.2	64.7	50.6	35.4	30.5	23.9	17.7	14.1	10.3	8.12	6.84	4.53	4.38
1.67V/cell	98.1	77.6	66.6	52.0	36.3	31.3	24.5	18.1	14.5	10.6	8.22	6.93	4.58	4.42
1.60V/cell	101.6	80.3	68.7	53.3	37.2	31.9	24.9	18.5	14.8	10.8	8.41	7.07	4.60	4.48
	173.4	139.4	121.7	96.1	68.1	59.2	46.9	34.8	28.0	20.7	16.2	13.7	9.03	7.75

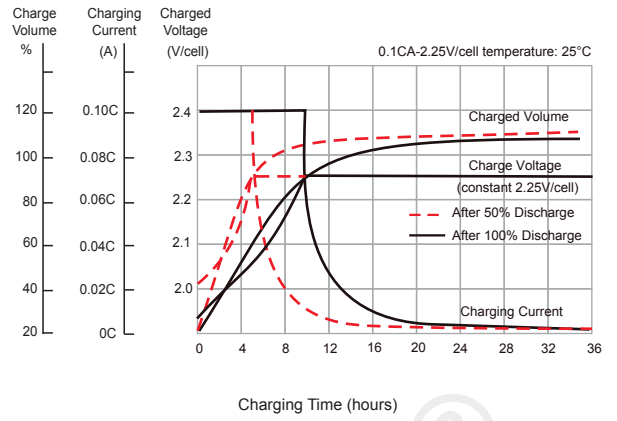




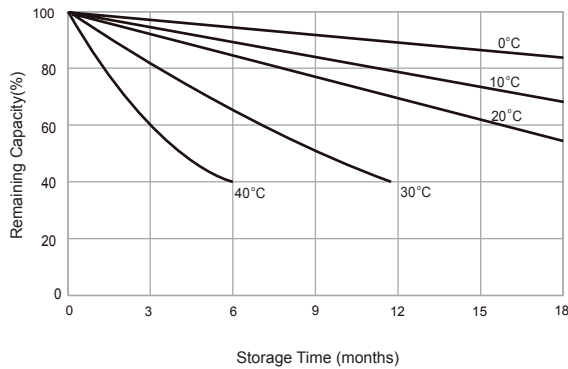
## Discharge Characteristics



## Float Charging Characteristics



## Self Discharge Characteristics



## Effect of Temperature on Long Term Float Life

