

### Specification

<b>Nominal Voltage</b>	6V	
<b>Nominal Capacity(20HR)</b>	36.0AH	
<b>Dimensions</b>	Length	161±1mm (25.4 inches)
	Width	87±1mm (3.43 inches)
	Container Height	163±1mm (6.42 inches)
	Total Height (with Terminal)	169±1mm (6.65 inches)
	<b>Approx Weight</b>	Approx 5.51 kg (12.1lbs)
<b>Terminal</b>	T2/T3	
<b>Container Material</b>	ABS	
<b>Rated Capacity</b>	36.0 AH/1.80A	(20hr , 1.80V/cell, 25°C/77°F)
	33.5 AH/3.35A	(10hr, 1.80V/cell, 25°C/77°F)
	30.6 AH/6.12A	(5hr, 1.75V/cell, 25°C/77°F)
	27.5 AH/9.18A	(3hr, 1.75V/cell, 25°C/77°F)
	22.6 AH/22.6A	(1hr, 1.60V/cell, 25°C/77°F)
<b>Max. Discharge Current</b>	540A (5s)	
<b>Internal Resistance</b>	Approx 8mΩ	
<b>Operating Temp.Range</b>	Discharge : 1~50°C (5~122 F)	
	Charge : 0~40°C (32~104°F)	
	Storage : -15~40°C (5~104°F)	
<b>Nominal Operating Temp. Range</b>	25±3°C (77±5°F)	
<b>Cycle Use</b>	Initial Charging Current less than 12.6A.Voltage	
	7.2V~7.5V at 25°C(77°F)Temp. Coefficient -15mV/°C	
<b>Standby Use</b>	No limit on Initial Charging Current Voltage	
	6.75V~6.9V at 25°C(77°F)Temp. Coefficient -10mV/°C	
<b>Capacity affected by Temperature</b>	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%



### Applications

- All purpose
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency light
- Railway signal
- Aircraft signal
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply
- DC power supply
- Auto control system



### 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	68.6	52.6	43.6	37.7	29.2	21.5	18.1	10.7	8.38	6.81	5.55	4.82	3.89	3.25	1.78
1.80V/cell	92.0	67.3	52.7	44.6	34.4	25.0	20.3	11.7	9.01	7.27	5.96	5.17	4.12	3.35	1.80
1.75V/cell	103.8	73.9	57.6	47.9	35.7	25.9	21.2	12.1	9.18	7.43	6.12	5.31	4.19	3.44	1.82
1.70V/cell	114.3	80.6	61.4	50.4	37.2	27.0	21.9	12.4	9.44	7.63	6.27	5.42	4.25	3.51	1.85
1.65V/cell	126.0	86.9	65.3	53.5	39.2	27.6	22.4	12.6	9.84	7.89	6.45	5.54	4.32	3.58	1.88
1.60V/cell	139.0	94.4	69.9	57.0	41.4	28.8	22.6	13.1	10.1	8.14	6.66	5.66	4.36	3.62	1.89

### Constant Power Discharge (Watts/cell) 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	125.3	97.2	81.4	71.1	55.6	41.3	34.9	20.8	16.3	13.3	10.9	9.48	7.67	6.43	3.53
1.80V/cell	166.5	122.8	97.0	82.8	64.6	47.6	38.9	22.5	17.5	14.1	11.6	10.12	8.12	6.62	3.56
1.75V/cell	183.7	132.8	104.6	88.2	66.5	49.0	40.5	23.3	17.7	14.4	11.9	10.37	8.24	6.78	3.59
1.70V/cell	196.7	141.4	110.2	92.0	68.8	50.7	41.7	23.8	18.2	14.8	12.2	10.57	8.34	6.92	3.65
1.65V/cell	213.8	151.2	116.2	97.0	72.0	51.5	42.3	24.0	18.9	15.2	12.5	10.76	8.45	7.05	3.70
1.60V/cell	230.4	160.4	122.3	102.2	75.5	53.4	42.5	24.9	19.4	15.6	12.8	10.96	8.52	7.11	3.71