

## Specifications

Nominal Voltage	12V
Nominal Capacity	34.8 Watts/cell (15 Min. rate to 1.67V/cell @ 77°F) 9 Ah (20 Hr. rate to 1.80 V/cell @ 77°F)
Dimensions	Length 5.95 inches
	Width 2.56 inches
	Height (with Terminal) 3.90 inches
Weight	Approx. 5.87 lbs. (2.7 kg)
Container Material	ABS - Flame Retardant UL94
Terminal	T2/0.250" tab
Preferred Operating Temp.	68-77°F
Operating Temp Range	Discharge: -15~50°C (5~122°F)
	Charge: 0~40°C (32~104°F)
	Storage: -15~40°C (32~104°F)
Internal Resistance	Approx. 17 mOhms
Max. Discharge Current	135A (5s)
Float Voltage	2.25 – 2.28 Vpc at 77°F
Max. Charge Current Allowed	2.7 Amps
Self Discharge	3% of capacity declined per month at 20°C (68°F). The batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.



## Applications

- UPS (High rate)
- High power backup supply
- Emergency power supply
- Emergency lighting
- Electric starting



UL File No. MH19767

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

F.V/Time	5 min	10 min	15 min	20 min	30 min	45 min	1 hr
1.85 V/cell	29.9	20.0	15.7	13.0	9.67	7.02	5.48
1.80 V/cell	33.6	21.9	17.0	13.8	10.1	7.27	5.68
1.75 V/cell	36.9	23.1	18.0	14.5	10.5	7.53	5.87
1.70 V/cell	39.3	24.4	18.8	15.0	10.9	7.77	6.02
1.67 V/cell	41.1	25.2	19.4	15.5	11.2	7.95	6.13
1.60 V/cell	42.4	26.2	19.8	15.8	11.4	8.08	6.24

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

F.V/Time	5 min	10 min	15 min	20 min	30 min	45 min	1 hr
1.85 V/cell	55.8	37.3	29.6	24.4	18.4	13.5	10.6
1.80 V/cell	60.8	40.1	31.4	25.8	19.1	13.8	10.9
1.75 V/cell	66.1	42.0	32.9	26.9	19.7	14.3	11.2
1.70 V/cell	69.4	43.7	34.1	27.7	20.4	14.6	11.5
1.67 V/cell	71.6	44.5	34.8	28.2	20.7	14.9	11.6
1.60 V/cell	72.6	45.5	34.9	28.4	20.8	15.0	11.7

### T1 Terminal

Unit: mm [inches]

