

UPS High Rate Battery

UPS12-150WFR



Specifications	
Nominal Voltage	12V
Nominal Capacity	150 Watts/cell (15 Min. rate to 1.67V/cell @ 77°F) 35Ah (20 Hr. rate to 1.80 V/cell @ 77°F)
Dimensions	Length 7.68 inches
	Width 5.12 inches
	Height (with Terminal) 6.57 inches
Weight	Approx. 22.5 lbs. (10.2 kg)
Container Material	ABS - Flame Retardant UL94
Terminal / Torque Rating	T6 / 65 in. lbs.
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. 7 mOhms
Max. Discharge Current	630A (5s)
Float Voltage	2.25 – 2.28 Vpc at 77°F
Max. Charge Current Allowed	10.5 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

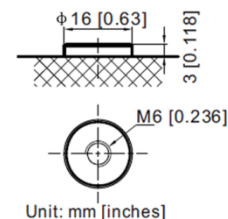
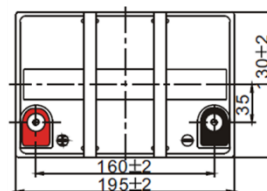
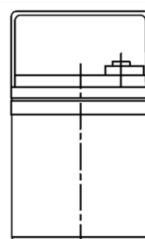
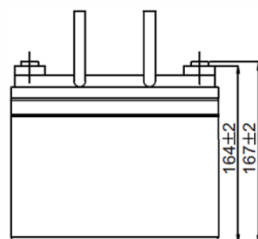
- UPS (High rate)
- High power backup supply
- Emergency power supply
- Emergency lighting
- Electric starting



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	199.0	144.2	116.2	97.6	75.4	56.4	45.2
1.80 V/cell	227.6	160.2	127.1	105.1	80.1	59.3	47.4
1.75 V/cell	253.0	172.4	135.7	111.1	83.4	61.2	48.9
1.70 V/cell	271.2	183.3	142.9	116.2	86.3	62.9	49.9
1.67 V/cell	291.5	194.5	150.0	121.4	89.3	64.5	51.2
1.60 V/cell	308.1	203.4	155.2	125.9	92.2	65.9	51.7

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	102.3	73.7	59.1	49.4	37.9	28.3	22.6
1.80 V/cell	118.2	82.7	65.2	53.7	40.7	29.9	23.8
1.75 V/cell	132.8	89.9	70.3	57.2	42.7	31.2	24.7
1.70 V/cell	144.0	96.6	74.9	60.5	44.6	32.3	25.5
1.67 V/cell	156.0	103.3	79.1	63.6	46.4	33.3	26.2
1.60 V/cell	166.8	109.2	82.7	66.6	48.4	34.4	26.8



Unit: mm [inches]