

# UPS High Rate Battery

UPS12-350WFR



Specifications	
Nominal Voltage	12V
Nominal Capacity	370.3 Watts/cell (15 Min. rate to 1.67V/cell @ 77°F) 95Ah (20 Hr. rate to 1.80 V/cell @ 77°F)
Dimensions	Length 12.0 inches
	Width 6.61 inches
	Height (with Terminal) 8.27 inches
Weight	Approx. 60.4 lbs. (27.4 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. 4 mOhms
Max. Discharge Current	1425A (5s)
Float Voltage	2.25 – 2.28 Vpc at 77°F
Max. Charge Current Allowed	28.5 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

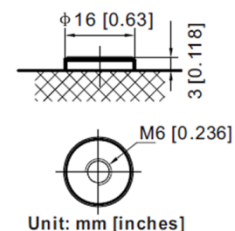
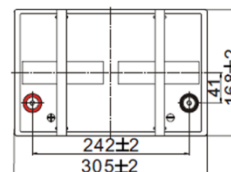
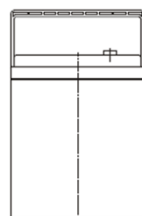
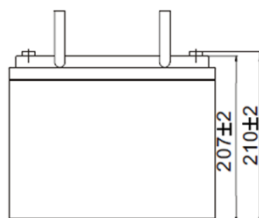
- UPS (High rate)
- High power backup supply
- Emergency power supply
- Emergency lighting
- Electric starting



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	408.1	334.7	286.3	243.4	188.8	139.6	113.2
1.80 V/cell	452.1	369.2	308.6	260.6	198.3	145.4	117.7
1.75 V/cell	499.6	401.3	330.8	276.0	206.7	150.7	121.6
1.70 V/cell	547.6	430.4	348.0	290.7	214.9	155.8	124.3
1.67 V/cell	600.7	457.2	370.3	304.6	223.9	160.4	127.2
1.60 V/cell	644.5	482.0	385.7	315.2	229.1	164.4	130.2

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	209.8	171.1	145.5	123.1	95.0	69.9	56.5
1.80 V/cell	234.8	190.7	158.5	133.1	100.7	73.4	59.2
1.75 V/cell	262.2	209.2	171.4	142.2	105.8	76.7	61.6
1.70 V/cell	290.7	226.9	182.4	151.3	111.2	80.1	63.5
1.67 V/cell	321.5	242.8	195.3	159.6	116.5	82.5	65.3
1.60 V/cell	348.8	258.8	205.6	166.7	120.4	85.8	67.5



Unit: mm [inches]