

HR12-380W

(12V380W)



Specification

Voltage Per Unit	12V
Capacity	380W@15min-rate to 1.67V per cell @25°C
Weight	Approx. 29.0Kg (Tolerance ±5%)
Internal Resistance	≤5.0 mΩ (Full Charge Condition @25°C)
Terminal	Default F12(M8)
Max Discharge Current	1000A (5 sec)
Max Charging Current	30.0 A
Reference Capacity	C ₁₀ 94.4Ah / C ₂₀ 100.0Ah
Standby Use Voltage	13.50 V~13.62 V @ 25°C
Equalization Voltage	14.10 V~14.40 V @ 25°C
Operating Temperature Range	Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C Normal: 20°C~30°C
Self Discharge	Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.
Dimensions (L×W×H×TH)	328mm×172mm×215mm×220mm (±2mm)



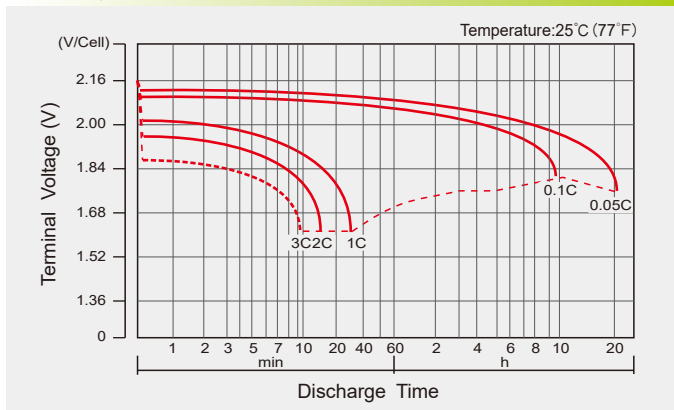
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	331.5	292.6	267.2	210.1	171.1	126.1	72.98	52.37
1.67V	300.8	268.3	246.9	195.9	160.8	119.3	69.62	50.24
1.70V	288.0	257.9	238.1	190.0	156.3	116.5	68.24	49.27
1.75V	265.9	240.3	223.2	179.7	148.5	111.5	65.86	47.72
1.80V	243.6	222.5	208.3	170.1	141.5	106.8	63.49	46.17
1.85V	209.1	189.5	176.5	146.2	122.8	94.48	57.36	42.09

Constant Power Discharge Characteristics : W/Cell(25°C)

F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	609.1	544.9	502.6	400.5	328.8	245.0	137.1	99.12
1.67V	566.9	511.2	474.3	380.0	313.8	235.0	131.9	95.83
1.70V	548.2	495.9	461.0	371.1	307.1	230.2	129.7	94.47
1.75V	514.5	468.6	437.9	355.1	294.7	222.6	126.2	91.95
1.80V	478.8	439.9	413.5	339.3	283.6	214.8	122.4	89.42
1.85V	417.1	380.0	355.0	294.9	248.5	191.6	111.4	82.25

Discharge Characteristics Curve



Charge Characteristic Curve For Standby Use(IU)

