

# HR12-570W

(12V550W)



## Specification

Voltage Per Unit	12V
Capacity	550W@15min-rate to 1.67V per cell @25°C
Weight	Approx. 43.0Kg (Tolerance ±5%)
Internal Resistance	≤3.8 mΩ (Full Charge Condition @25°C)
Terminal	Default F12(M8)
Max Discharge Current	1500A (5 sec)
Max Charging Current	45.0 A
Reference Capacity	C10 141.5Ah /C20 150.0Ah
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)	483mm×170mm×241mm×242mm (±2mm)



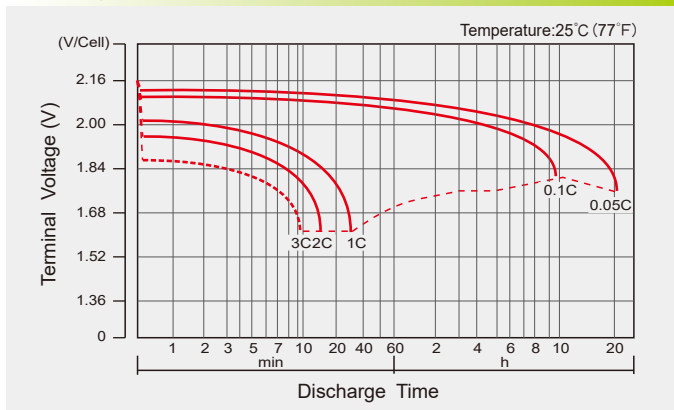
### Constant Current Discharge Characteristics : A(25°C)

F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	437.2	392.4	367.0	304.1	247.7	182.5	105.6	75.81
1.67V	396.7	359.8	339.2	283.6	232.8	172.7	100.8	72.72
1.70V	379.8	345.9	327.0	275.0	226.2	168.6	98.77	71.32
1.75V	350.7	322.2	306.6	260.1	215.0	161.4	95.34	69.07
1.80V	321.3	298.4	286.1	246.2	204.8	154.6	91.90	66.83
1.85V	275.8	254.2	242.4	211.7	177.8	136.8	83.02	60.93

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

F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	803.2	730.7	690.4	579.7	476.0	354.7	198.4	143.5
1.67V	747.6	685.5	651.5	550.0	454.3	340.1	191.0	138.7
1.70V	723.0	665.0	633.3	537.2	444.5	333.3	187.8	136.7
1.75V	678.5	628.4	601.5	514.0	426.6	322.3	182.7	133.1
1.80V	631.5	589.8	568.0	491.1	410.6	311.0	177.2	129.4
1.85V	550.1	509.5	487.7	426.9	359.7	277.4	161.2	119.1

### Discharge Characteristics Curve



### Charge Characteristic Curve For Standby Use(IU)

