

HR12-280W

(12V280W)



Specification

Voltage Per Unit	12V
Capacity	280W@15min-rate to 1.67V per cell @25°C
Weight	Approx. 24.5Kg (Tolerance ±5%)
Internal Resistance	≤6.0 mΩ (Full Charge Condition @25°C)
Terminal	Default F11(M6)
Max Discharge Current	750A (5 sec)
Max Charging Current	22.5 A
Reference Capacity	C10 70.8Ah / C20 75.0Ah
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)	260mm×169mm×211mm×216mm (±2mm)



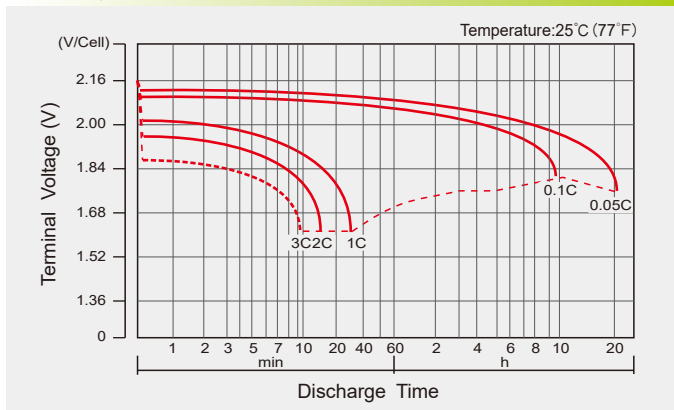
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	244.2	208.8	192.8	154.8	126.1	92.91	53.77	38.59
1.67V	221.6	191.5	178.2	144.4	118.5	87.92	51.29	37.02
1.70V	212.2	184.0	171.8	140.0	115.2	85.80	50.27	36.30
1.75V	195.9	171.4	161.1	132.4	109.4	82.17	48.53	35.16
1.80V	179.5	158.8	150.3	125.3	104.3	78.69	46.78	34.01
1.85V	154.1	135.2	127.4	107.7	90.49	69.61	42.26	31.01

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

F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	448.7	388.8	362.7	295.1	242.3	180.5	101.0	73.03
1.67V	417.7	364.8	342.3	280.0	231.2	173.1	97.20	70.60
1.70V	403.9	353.8	332.7	273.4	226.2	169.6	95.59	69.60
1.75V	379.0	334.4	316.0	261.6	217.2	164.0	92.97	67.74
1.80V	352.8	313.9	298.4	250.0	209.0	158.3	90.20	65.89
1.85V	307.3	271.1	256.2	217.3	183.1	141.2	82.04	60.60

Discharge Characteristics Curve



Charge Characteristic Curve For Standby Use(IU)

