

## **VRLA Rechargeable Battery**





# **BP12-12** (BP12-12FR)

### **FEATURES**

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.Toy-Cars
- Can be used in any orientation(excluding used inverted).
- Absorbent Glass Mat technology for efficient gas recombination.
   Laboratory Equipment

### **APPLICATION**

- UPS
- Fishing Lights
- Power Packs



## **SPECIFICATIONS**

Nominal Voltage	12 V
Nominal Capacity	12.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	3940g(8.69lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≦18m Ω (Fully Charged )
Max. Discharge Current	180 A (5 sec.)
Max. Charge Current	3.6 A
Operating Temperature Range	Charge: 0°C~40°C(32°F~104°F)
	Discharge: -20°C~50°C(-4°F~122°F)
	Storage. : -20°C~40°C(-4°F~104°F)
Container Material	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001 ISO14001 UL C4M20310-2474-CE • IEC 61056-1

- JIS C 8702-1
- GB/T 19639.1
- VdS G102106

#### ■ Length Terminal T1 Terminal T2 151±1.5 (5.94±0.06) 3.2(0.13) 3.4(0.13) Width 98±1.5 (3.86±0.06) 151 ± 1.5(5.94 ± 0.06) 98 ± 1.5(3.86 ± 0.06) ■ Container Height £ 2(3.86±0.08) 94±1.5 (3.70±0.06) ■ Total Height 98+ 98±2.0 (3.86±0.08)

Constant p	ower disc	snarge ch	ar dotor ist.			Unit: W			
.V. Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	433.9	319.4	256.0	152.3	87.3	35.0	24.1	13.48	7.09
1.75V	502.2	346.0	267.7	158.1	90.0	35.7	24.5	13.68	7.20
1.70V	533.6	358.5	276.0	161.7	91.6	36.0	24.6	13.75	7.24
1.65V	557.5	367.1	282.4	164.0	92.7	36.3	24.7	13.79	7.26
1.60V	576.0	374.4	288.0	165.6	93.6	36.5	24.8	13.79	7.26
Constant c	urrent dis	scharge cl	naracteris	tics at 25	°C/77 °F	Unit: A			
Discharge Time	<i>urrent dis</i> 5 Min	10 Min	naracteris 15 Min	30 Min	° <i>C/77 °F</i> 1 Hr	Unit: A	5 Hr	10 Hr	20 Hr
Discharge							<b>5 Hr</b> 2.01	<b>10 Hr</b> 1.123	<b>20 Hr</b> 0.591
Discharge T.V. Time V/cell)	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr		-	
Discharge .V. Time //cell)	<b>5 Min</b> 39.09	<b>10 Min</b> 28.12	<b>15 Min</b> 22.26	<b>30 Min</b> 12.91	<b>1 Hr</b> 7.34	<b>3 Hr</b> 2.91	2.01	1.123	0.591
Discharge T.V. Time V/cell)  1.80V  1.75V	<b>5 Min</b> 39.09 46.07	10 Min 28.12 30.46	15 Min 22.26 23.28	<b>30 Min</b> 12.91 13.40	1 Hr 7.34 7.56	3 Hr 2.91 2.97	2.01	1.123 1.140	0.591