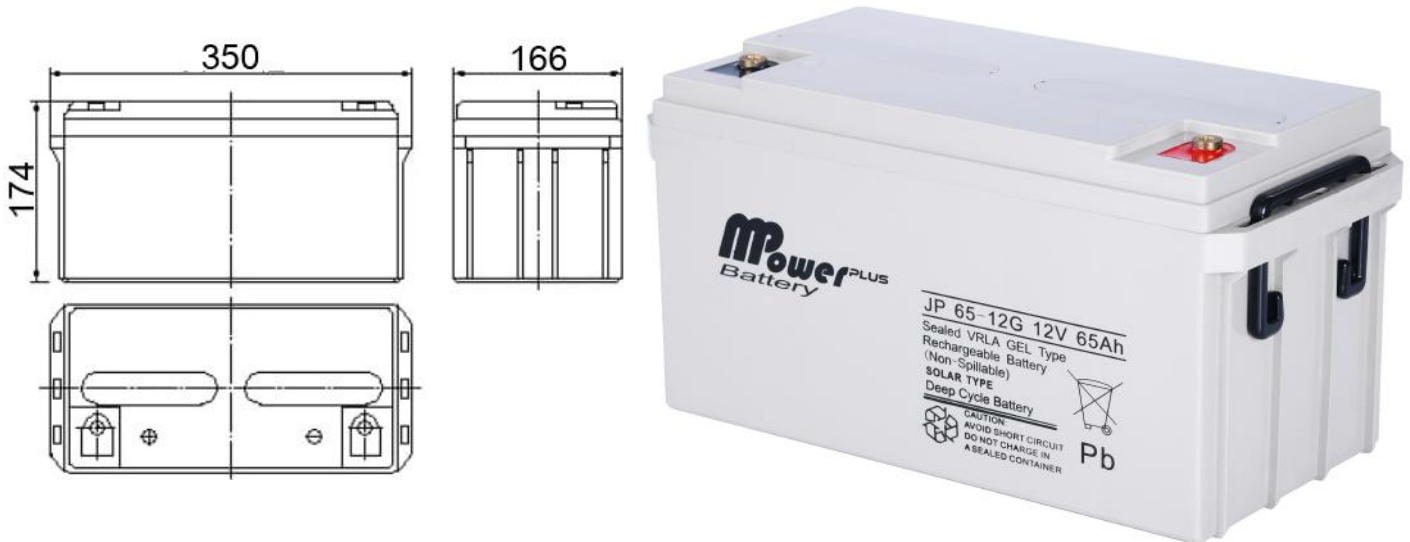


(VRLA) GEL Battery

Valve Regulated Lead Acid Battery

JP65-12G

Dimension



Specification

- ✂ Nominal Voltage : 12V
- ✂ Dimension
 - Length : 350 mm
 - Width : 166 mm
 - Overall Height : 174 mm
- ✂ Weight (Approx.) : 21 Kg
- ✂ Nominal Capacity : 65AH / 20HR (25°C)
- ✂ Internal Resistance(Approx.) : < 8 mΩ
- ✂ Float Charging : 2.27 ~ 2.28 vpc (25°C)
- ✂ Cycle Charging : 2.35 ~ 2.4 vpc (25°C)
- ✂ Terminal :
 - Top terminal : Bolt (M6)
- ✂ Operating Temperature Range
 - Discharging -15°C to 45°C
 - Charging -15°C to 45°C
 - Storage -15°C to 45°C
- ✂ Cyclic : 500 ~ 3000 Charge / Discharge
(Refer Cyclic Curve)
- ✂ Expected float use life (20 ° C) : 10 Years
- ✂ Easy Maintenance
 - No electrolyte leakage
 - Ensure safe and efficient operation
- ✂ Container Material : ABS
- ✂ Applications :
 - UPS (Uninterruptible Power Supply),
 - Telecommunications, Emergency Lighting,
 - Alarm Systems, Solar Powered Systems,
 - Alternative Energy Storage, Solar Street Lights,
 - General Applications

Constant Current Discharge Characteristics Unit:A(25°C,77°F)

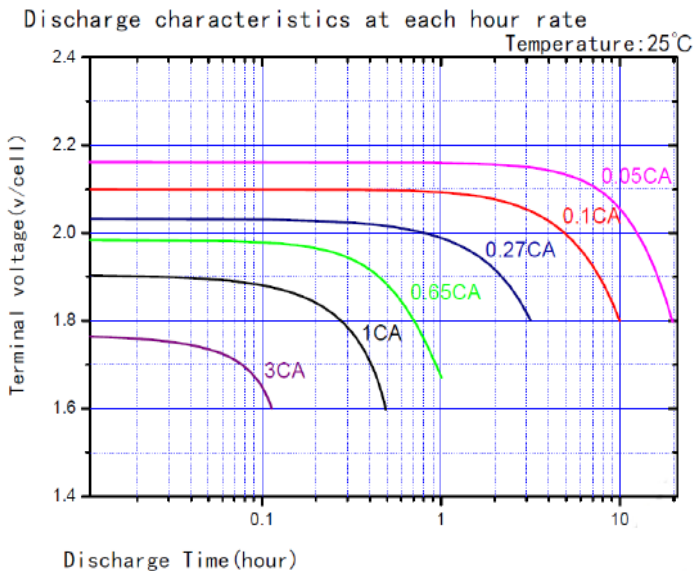
F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	142	109	65.3	40.2	23.8	17.1	13.7	11.7	8.02	6.62	3.51
9.90V	137	107	64.0	39.6	23.6	17.0	13.6	11.6	7.98	6.60	3.50
10.2V	132	103	62.1	38.6	23.4	16.9	13.5	11.5	7.92	6.58	3.49
10.5V	126	99.2	60.6	37.4	23.0	16.8	13.4	11.4	7.87	6.55	3.47
10.8V	119	93.9	58.3	36.2	22.5	16.3	13.0	11.1	7.63	6.50	3.45

Constant Power Discharge Characteristics Unit:W(25°C,77°F)

F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	1530	1199	733	458	275	201	161	138	95.3	79.0	42.1
9.90V	1484	1170	718	451	273	200	160	137	94.7	78.9	42.0
10.2V	1423	1127	696	440	271	199	159	136	94.1	78.6	41.9
10.5V	1362	1089	679	426	267	197	157	135	93.4	78.2	41.6
10.8V	1286	1031	655	412	260	191	153	131	90.6	77.6	41.3

Note: The above characteristics data can be obtained within three charge or discharge cycles.

Characteristics



Battery Float Charging (Temperature compensation)	
Temperature °C	Float Charge Volt/Cell
5	2.31
10	2.29
15	2.28
20	2.27
25	2.27
30	2.25
35	2.23

LIFE TIME VS TEMPERATURE

