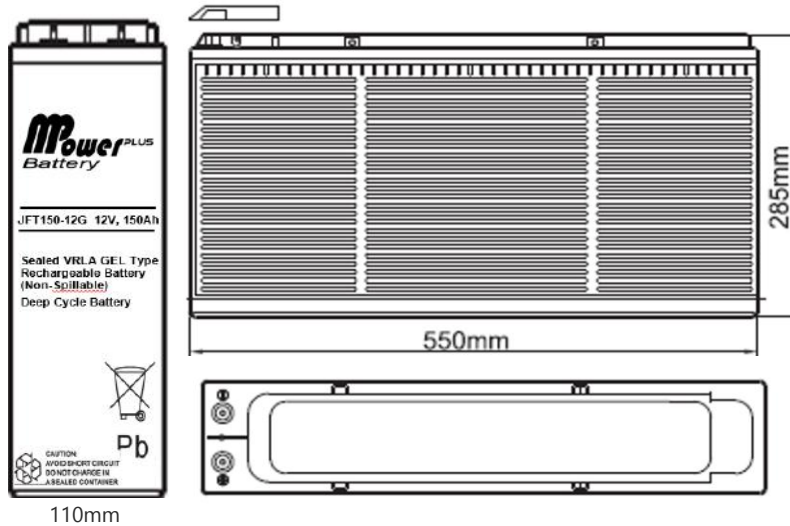


JFT 150-12G

Dimension



Specification

- ✂ Nominal Voltage : 12V
 - ✂ Dimension
 - Length : 550 mm
 - Width : 110 mm
 - Overall Height : 285 mm
 - ✂ Weight (Approx.) : 46 Kg
 - ✂ Nominal Capacity : 150 AH / 20HR (25°C)
 - ✂ Internal Resistance(Approx.) : < 5.5 mΩ
 - ✂ Float Charging : 2.27 ~ 2.28 vpc (25°C)
 - ✂ Cycle Charging : 2.35 ~ 2.4 vpc (25°C)
 - ✂ Terminal :
 - Top terminal : Bolt M8
- ✂ 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 to 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	288	247	154	99.0	56.9	41.2	33.1	27.2	19.2	15.9	8.25
9.90V	266	233	149	97.0	56.0	40.7	32.4	26.9	18.9	15.7	8.18
10.2V	241	220	143	95.3	55.2	40.2	32.1	26.7	18.8	15.5	8.06
10.5V	224	205	138	93.0	54.3	39.6	31.7	26.3	18.4	15.3	7.99
10.8V	204	191	132	92.0	52.7	38.7	31.0	25.9	18.0	15.0	7.95

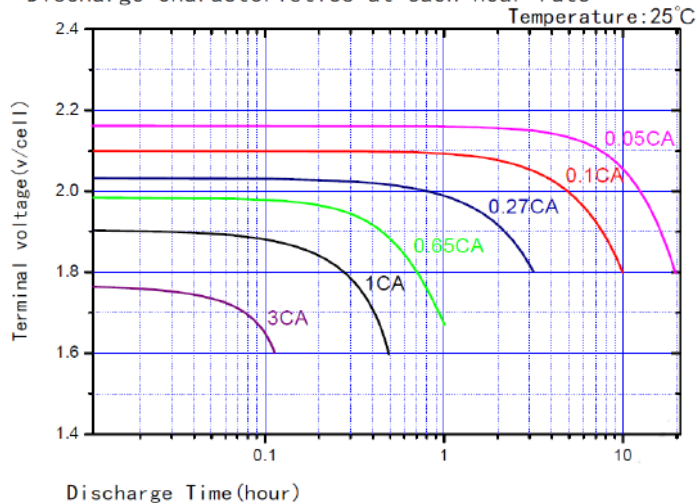
Constant Power Discharge Characteristics Unit:W/Cell(25°C,77°F)

F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
1.60V	724	451	284	185	107	77.8	62.7	51.8	36.8	30.7	16.4
1.67V	654	428	277	181	106	77.3	61.8	51.5	36.5	30.5	16.3
1.70V	591	409	268	180	105	77.0	61.6	51.1	36.4	30.4	16.1
1.75V	520	383	261	177	104	76.4	61.5	50.9	36.1	30.2	16.0
1.80V	466	361	252	173	102	75.4	60.6	50.6	35.6	29.8	15.9

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

Characteristics

Discharge characteristics at each hour rate

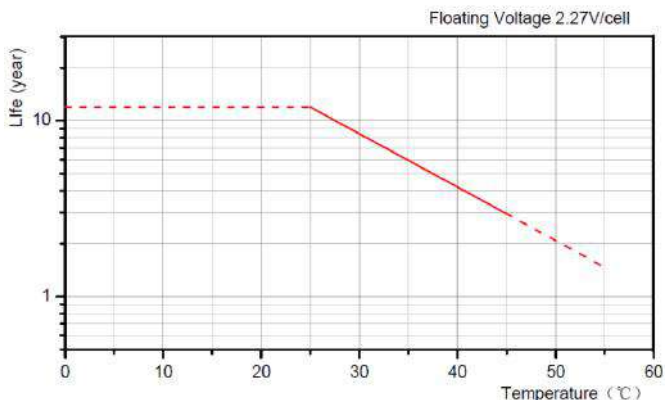


Battery Float Charging

(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



DISCHARGE DEPTH VS CYCLE TIME CURVE

