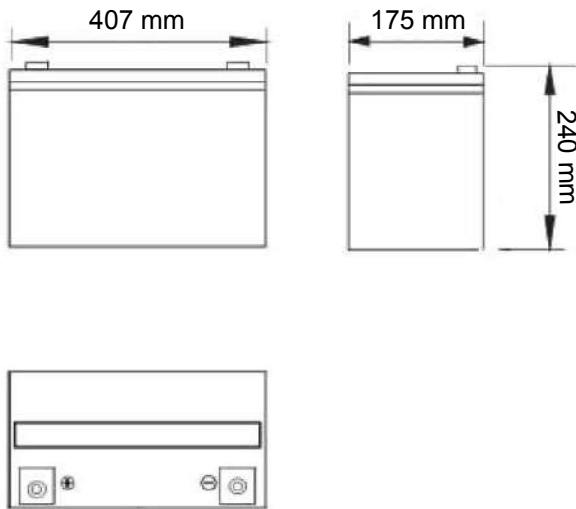


JXH 120-12G

Dimension



Specification

- | | |
|---|---|
| <ul style="list-style-type: none"> ✎ Nominal Voltage : 12V ✎ Dimension <ul style="list-style-type: none"> Length : 407 mm Width : 175 mm Overall Height : 240 mm ✎ Weight (Approx.) : 38 Kg ✎ Nominal Capacity : 120 AH / 20HR (25°C) ✎ Internal Resistance(Approx.) : < 5 mΩ ✎ Max. Charge current : 20A ✎ Float Charging : 2.27 ~ 2.28 vpc (25°C) ✎ Cycle Charging : 2.35 ~ 2.4 vpc (25°C) ✎ Terminal : <ul style="list-style-type: none"> Top terminal : Bolt M8 | <ul style="list-style-type: none"> ✎ Operating Temperature Range <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> No electrolyte leakage Ensure safe and efficient operation ✎ Container Material : ABS ✎ Applications : <ul style="list-style-type: none"> 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	262	202	121	74.2	43.8	31.6	25.2	21.5	14.8	12.2	6.47
9.90V	254	197	118	73.0	43.6	31.4	25.1	21.4	14.7	12.2	6.46
10.2V	243	190	115	71.2	43.2	31.2	24.9	21.3	14.6	12.2	6.44
10.5V	233	183	112	69.0	42.6	31.0	24.7	21.1	14.5	12.1	6.40
10.8V	220	173	108	66.7	41.5	30.0	24.0	20.5	14.1	12.0	6.36

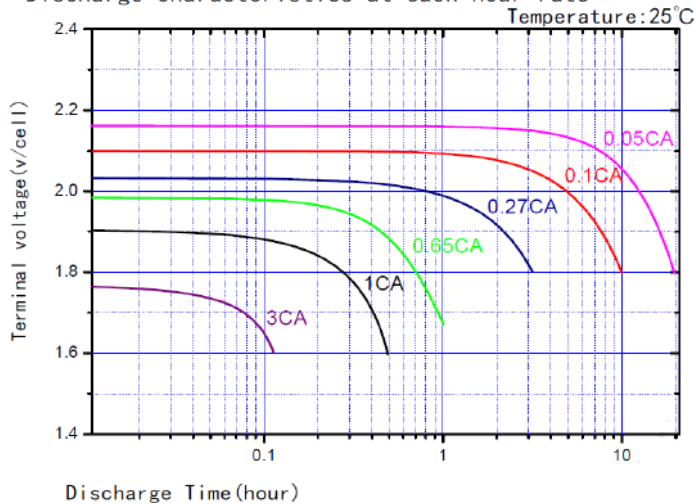
Constant Power Discharge Characteristics Unit:W(25°C,77°F)

F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	2825	2214	1353	845	508	371	297	255	176	146	77.7
9.90V	2741	2160	1326	833	505	369	295	253	175	146	77.5
10.2V	2628	2081	1285	812	500	367	293	251	174	145	77.3
10.5V	2514	2010	1254	786	493	364	291	250	172	144	76.9
10.8V	2373	1904	1208	761	408	353	282	242	167	143	76.3

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

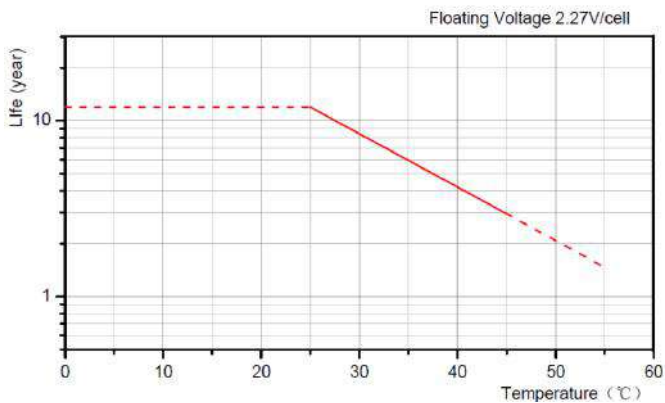
Characteristics

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

