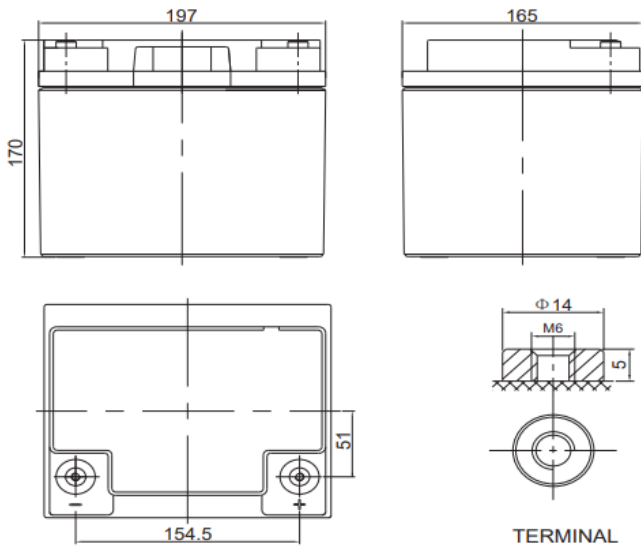


JP 45-12

Dimension



Specification

- ✂ Nominal Voltage : 12V
 - ✂ Dimension
 - Length : 197±2.0mm(7.8inch)
 - Width : 165±2.0mm(6.5inch)
 - Overall Height : 170±1.0mm(6.7inch)
 - ✂ Weight (Approx.) : Approx.13.4Kg(29.5lbs)
 - ✂ Nominal Capacity : 45 AH / 20HR (25°C)
 - ✂ Internal Resistance(Approx.) : < 9.5 mΩ
 - ✂ Float Charging : 13.6-13.8V (25°C)
 - ✂ Equalizing Charging : 14.4-14.7V (25°C)
 - ✂ Terminal :
 - Top terminal : Femal Copper Insert M6
- ✂ Operating Temperature Range
 - Discharging : -15°C to 50°C
 - Charging : -10°C to 50°C
 - Storage : -20°C to 50°C
 - ✂ Expected float use life (20°C) : 5 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)

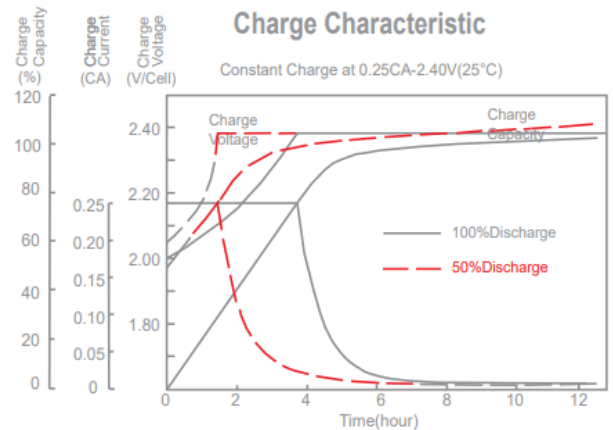
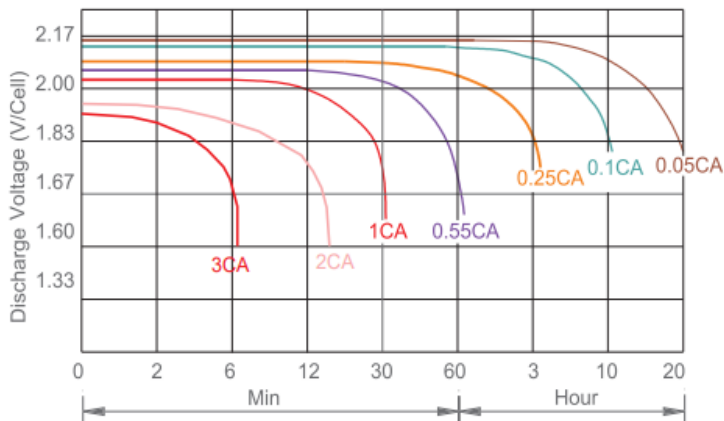
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	120	88.5	73.1	45.0	27.0	15.7	11.3	9.04	7.53	5.14	4.77	2.56
1.67V	107	81.6	68.9	43.0	26.3	15.4	11.2	8.92	7.47	5.07	4.71	2.50
1.70V	95.6	74.1	65.1	41.4	25.7	15.2	11.1	8.83	7.37	5.01	4.65	2.45
1.75V	83.1	68.9	60.4	40.0	25.2	15.0	10.9	8.73	7.27	4.94	4.59	2.40
1.80V	73.5	62.6	56.4	38.2	24.4	14.6	10.7	8.52	7.10	4.83	4.50	2.36
1.85V	62.9	56.4	51.4	36.1	23.3	14.1	10.3	8.28	6.93	4.72	4.38	2.30

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	211	159	133	83.2	50.4	29.5	21.4	17.1	14.3	9.88	9.21	4.98
1.67V	191	148	127	80.0	49.4	29.2	21.3	17.0	14.3	9.81	9.15	4.90
1.70V	173	136	121	77.6	48.6	29.0	21.2	17.0	14.2	9.76	9.10	4.83
1.75V	152	128	113	75.5	47.9	28.7	21.0	16.9	14.2	9.70	9.05	4.77
1.80V	136	118	107	72.9	46.8	28.4	20.8	16.7	13.9	9.55	8.94	4.71
1.85V	118	107	98.1	69.5	45.2	27.5	20.3	16.3	13.7	9.40	8.76	4.63

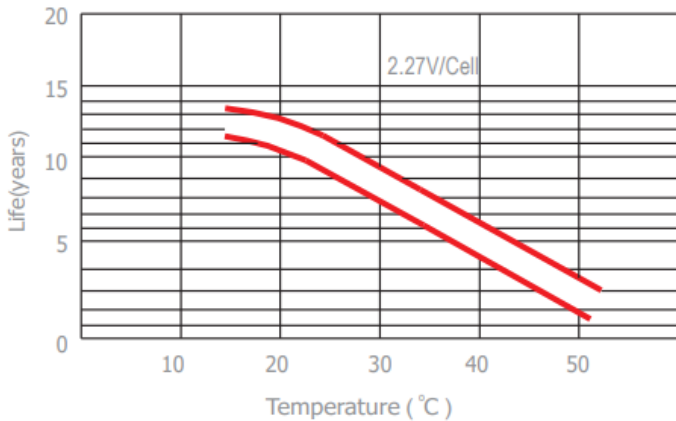
Characteristics

Discharge Characteristics(25°C)



DISCHARGE DEPTH VS CYCLE TIME CURVE

Temperature vs Float Life



Self discharge characteristics

