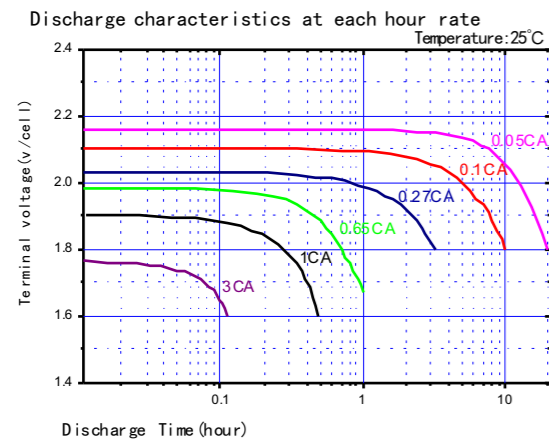
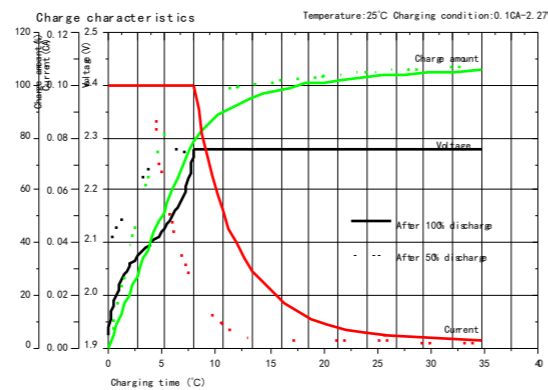


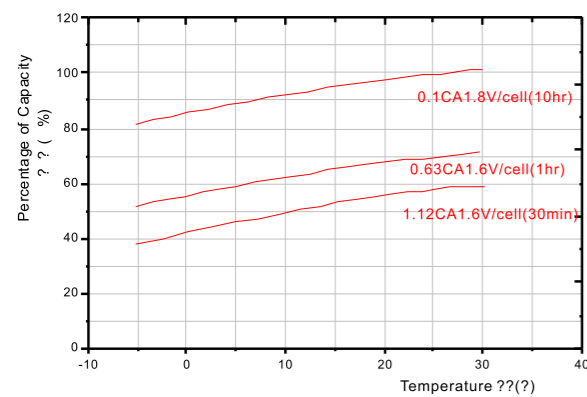
Discharge Characteristics Curve at 25°C



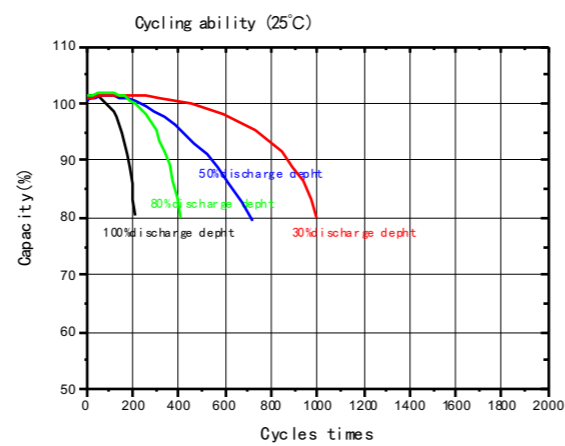
Charging cycle Characteristics Curve



Temperature Vs. Capacity



Cycle Life Vs Depth Of Discharge



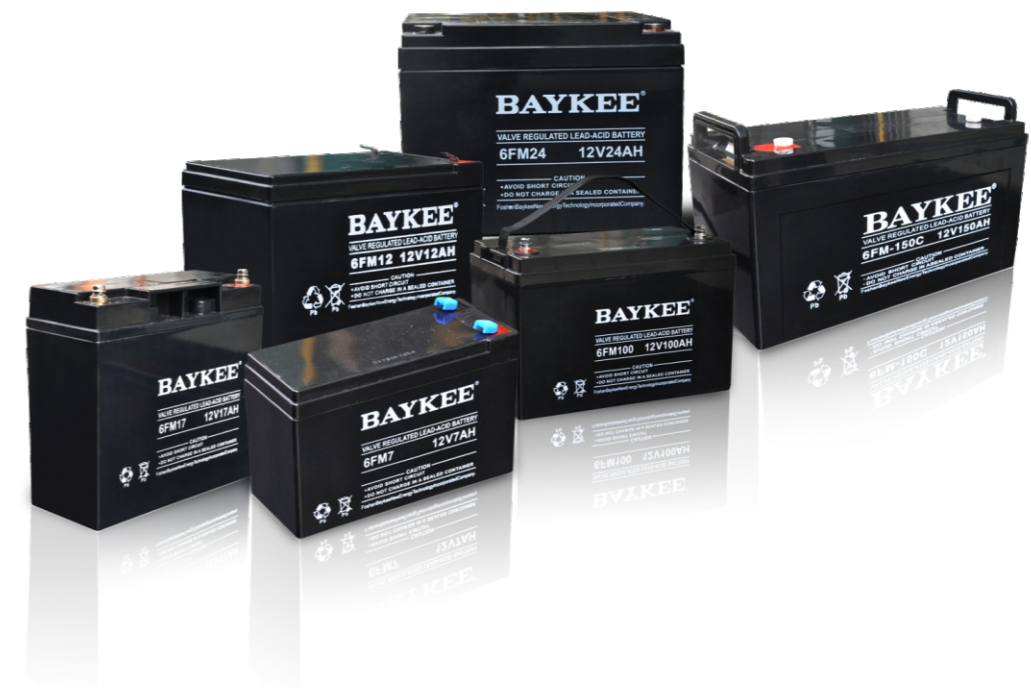
Charging Ways

Type	Voltage (V)	Temperature Compensation Coefficient	Charge Current (A)
Cycle Use	14.40±0.18	-4mV/°C	0.1C~0.25C <sub>10</sub>
Float Charge Use	13.65±0.12	-3mV/°C	

Discharge Current Vs End-voltage

Discharge Rate	0.10C	0.17C	0.25C	0.6C	3C
End- Voltage (V)	10.80	10.50	10.20	9.60	9.60

## FM Series Solar Battery



Applications:

- UPS
- Telecom Systems
- Solar Systems
- Power Station
- Emergency Power System

## Brief

Baykee FM series are designed for general-purpose applications, such as UPS, telecom, and electrical utilities. With 10 years design life, the batteries comply to the most popular international standards, such as IEC60896-21/22, BS6290-4, Eurobat Guide.

The battery container and cover are available both in V0 class flame retardant ABS or HBO ABS plastics. With more than 15 years of production experience, Baykee FM series of VRLA batteries are recognized as the most reliable and high quality battery system in the industry.

You can expect our batteries meet with the standards JIS, DIN, IEC60986-21/22 & BS6290-4. We have obtained ISO9001 & ISO14001 certification. We have obtained UL approval (MH25860) for all types of batteries. We have obtained CE approval for all types of batteries. All these render our batteries to be compatible with requirements of world-level equipments.

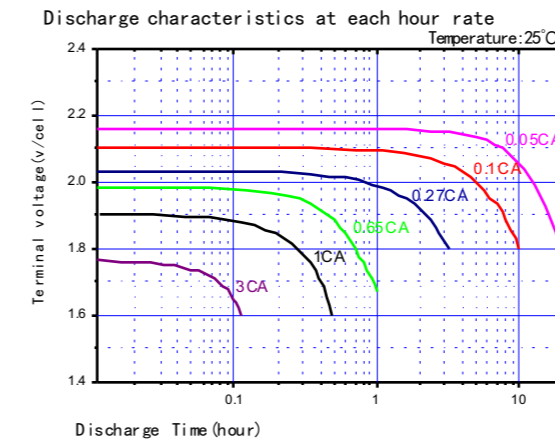
## Features

- Environmentally friendly.
- High Reliability and Good Quality.
- Lower internal Resistance.
- High Power Density.
- Long Service Life, in Float and Cyclic.
- International Standard, JIS and DIN.
- α-EV technology.
- Thick pasted plates with high quality.
- lead-tin-calcium alloy grids for long service life.

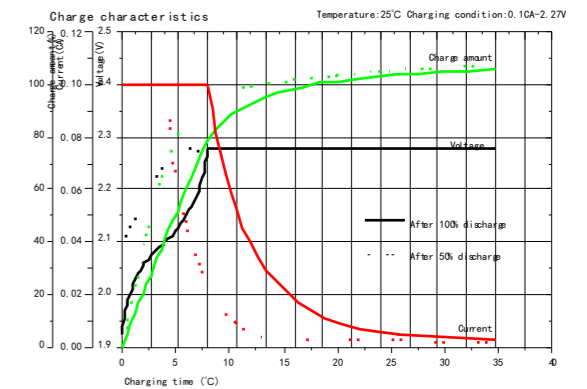
## Specifications

Model	Voltage	Capacity	Size/Weight (mm/Kg[(±5%)])				
	(V)		(Ah)	L	W	H	Total H
CP1270M	12	7	151	65	94	100	2.2
Cp12120	12	12	151	98	95	101	3.67
CP12170E-X	12	17	181	77	167	167	5.3
CP12240E-X	12	24	166	175	125	125	7.6
CP12400F-X	12	40	197.5	165.5	170	170	12.8
CP12650F-X	12	65	350	167	179	179	20.4
6FM100E-X	12	100	330	171	214	220	28.5
6FM120E-X	12	120	410	176	227	227	33.5
6FM150M-X	12	150	482	170	240	240	42.5
6FM200E-X	12	200	522	238	218	223	59.1

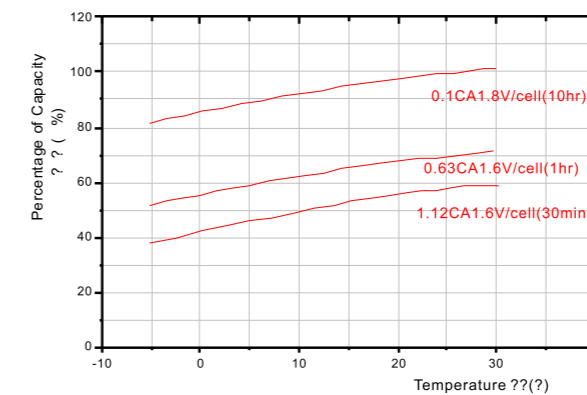
## Discharge Characteristics Curve at 25°C



## Charging cycle Characteristics Curve



## Temperature Vs. Capacity



## Cycle Life Vs Depth Of Discharge

