AGM Battery 6EVF 12V-100AH

FEATURES

1. The grid is made of lead-calcium alloy, it doesn't contain cadmium which is harmfulto the environment and human body.
2. It adopts special lead paste technology so that batteries are under good deep cycledischarge performance.
3. Using special electrolyte additives and separators of high adsorption capacity, thebattery shows excellent high-current discharge performance. There are obvious advantages in vehicle starting and climbing .
4. It adopts high-strength ABS engineering plastic shell, make it high impact resistance.
5. Sealed and maintenance-free technology, the battery does not need to add acid andhydration during use, Safe and reliable.

APPLICATIONS

1. Golf carts/Tourist cars
2. Electric Bike/ Patrol cars
3. Electric vehicles, tractor, various power tools

SPECIFICATIONS

MODEL	3hr CAPACITY (Ah)	5hr CAPACITY (Ah)	20hr CAPACITY (Ah)	VOLTAGE (V)	DIMENSION				GROSS WEIGHT (Kg)	TERMINALS DIMENSION
					LENGTH	WIDTH	HEIGHT	TOTAL HEIGHT		
6-EVF-70	70	85	100	12	260	168	210	213	24.5	M6*Φ16*5

CHARGING PROCEDURE

| CHARGING STEP	CHARGING METHOD	CURRENT (A)	VOLTAGE (V)	TIME (h)	TRANSFER CONDITION
PHASE 1	Constant Current	3	12	≦1	Voltage up to 12V or Charging time up to 1H
PHASE 2	Constant Current	10.5	14.7	≦6	Voltage up to 14.7V or Charging time up to 6H
PHASE 3	Constant Current	7	14.9	≦2	Voltage up to 14.9V or Charging time up to 2H
PHASE 4	Constant Voltage	3.5	14.9	≦2	Voltage up to 14.9V or Charging time up to 2H
PHASE 5	Constant Voltage	0.7	16.02	≦2	Charging time up to 2H
PHASE 6	Constant Voltage	0.7	13.8	≦4	Charging time up to 4H

CHARGING CHARACTERISTICS
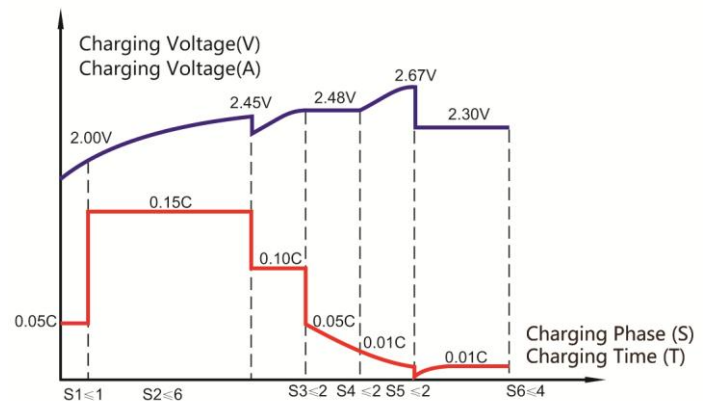
Note: The charging voltage values listed in the table are the voltages of asingle battery at a standard temperature of 25 ° C
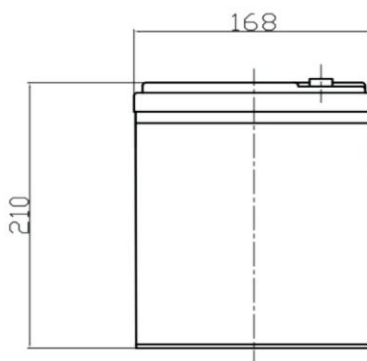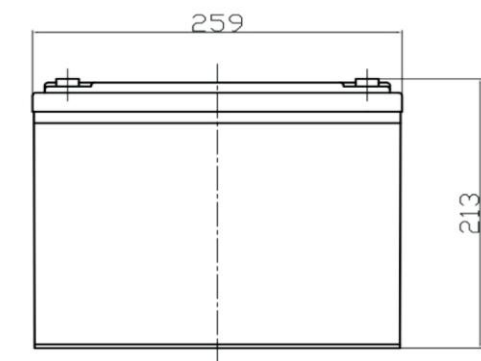The temperature compensation coefficient is ±3mV/℃

LIFESPAN CURVES

100%DOD 70%DOD 50%DOD 30%DOD
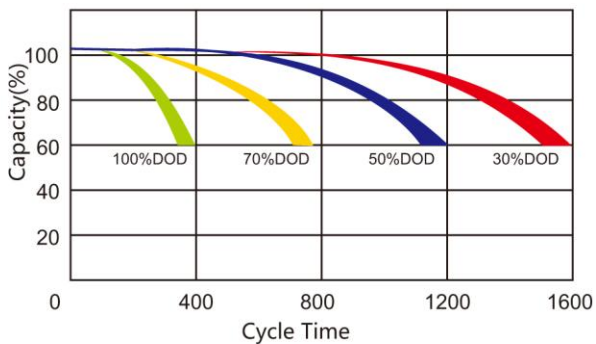
DISCHARGE CHARACTERISTICS

Discharge curves at different temperatures

DIMENSION

259

213

168

210
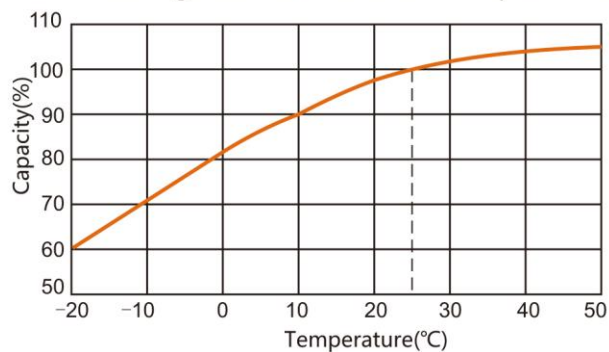
Battery Dimension
terminal size

47

210

Ø16

6

M8