



6-EVF-100

EVF SERIES BATTERY

[FEATURES]

1. The grid is made of lead-calcium alloy, it doesn't contain cadmium which is harmful to the environment and human body.
2. It adopts special lead paste technology so that batteries are under good deep cycle discharge performance.
3. Using special electrolyte additives and separators of high adsorption capacity, the battery 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 and hydration during use, Safe and reliable.

[APPLICATIONS]

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



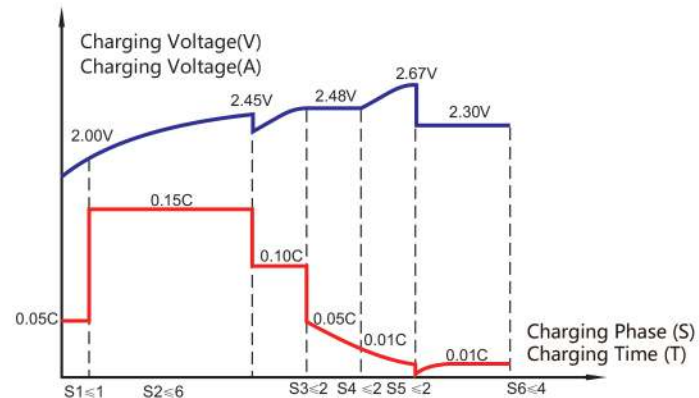
[SPECIFICATIONS]

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-100	100	115	147	12	332	174	216	224	35	M8*Φ20*5

[CHARGING PROCEDURE]

CHARGING STEP	CHARGING METHOD	CURRENT (A)	VOLTAGE (V)	TIME (h)	TRANSFER CONDITION
PHASE 1	Constant Current	5	12	≅ 1	Voltage up to 12V or Charging time up to 1H
PHASE 2	Constant Current	15	14.7	≅ 6	Voltage up to 14.7V or Charging time up to 6H
PHASE 3	Constant Current	10	14.9	≅ 2	Voltage up to 14.9V or Charging time up to 2H
PHASE 4	Constant Voltage	5	14.9	≅ 2	Voltage up to 14.9V or Charging time up to 2H
PHASE 5	Constant Voltage	1.0	16.02	≅ 2	Charging time up to 2H
PHASE 6	Constant Voltage	1.0	13.8	≅ 4	Charging time up to 4H

[CHARGING CHARACTERISTICS]



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



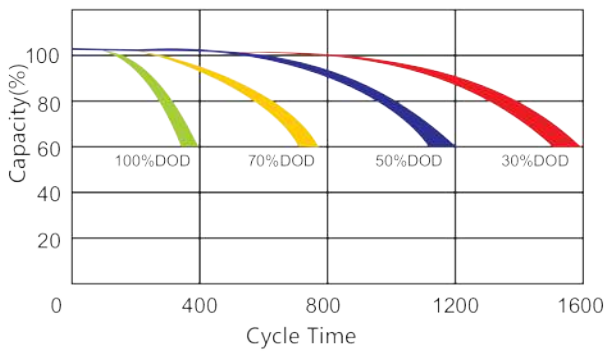
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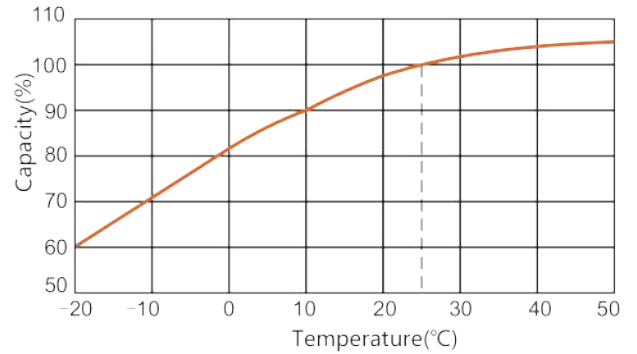
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[LIFESPAN CURVES]

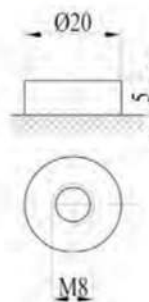
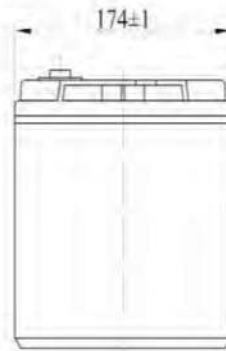
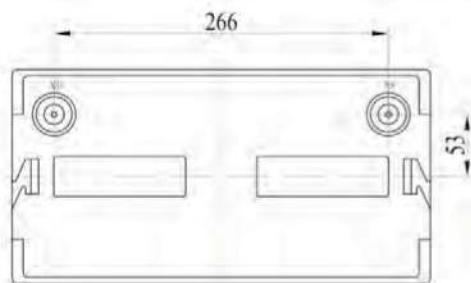
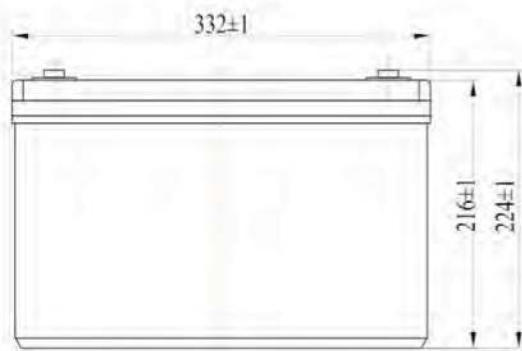


[DISCHARGE CHARACTERISTICS]

Discharge curves at different temperatures



[DIMENSION]



Battery Dimension terminal size



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