EVF 6-EVF-150

Narada EVF series motive power batteries are designed for new energy vehicles, such as electric vehicles,low-speed electric vehicles, venue patrol vehicles, electric logistics vehicles, sightseeing vehicles, etc.

The EVF series battery adopts the lead-carbon technology, corrosion resistant and environmentally friendly alloy, etc., with long life, good power performance, safety, environmental friendly, etc.

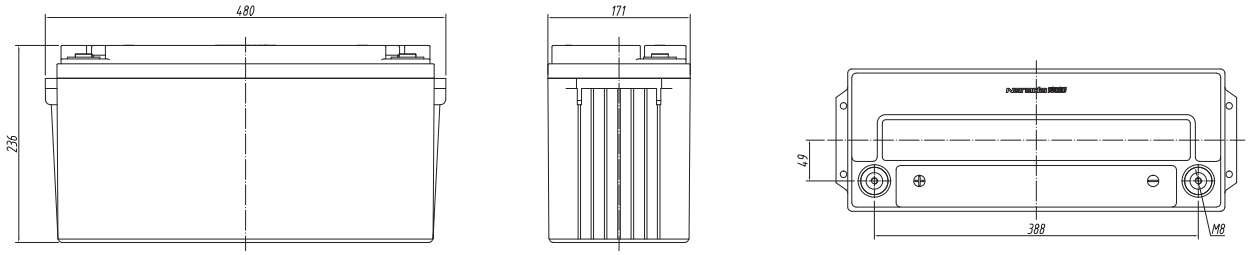
Product Features

- Good Performance of Charge and Discharge
- Good Performance with High/Low Temprature
- Long Cycle Life
- Safety and Environmentally Friendly

Specifications

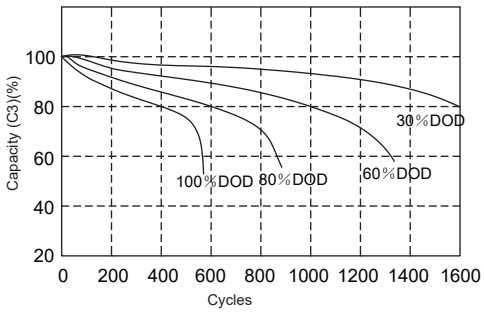
Rated voltage (V)		12
Rated Capacity C3 (Ah)		150
Sizing (L * W * H)(Total Height±2mm)		480*171*236(236)
Weight (Kg)		52.0
Capacity with Different Discharging Rate (Ah,25℃)	C3 (1.75 Vpc)	150
	C10 (1.80 Vpc)	175
Maximum Charge Voltage (V)		14.8
Maximum Discharge Current (A)		750(5S)
Maximum Charge Current (A)		30
Container Material		ABS

Dimensions

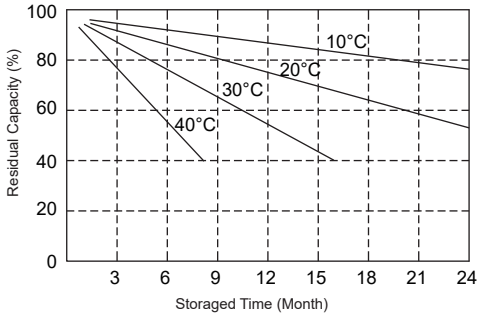


Fundamental characteristics

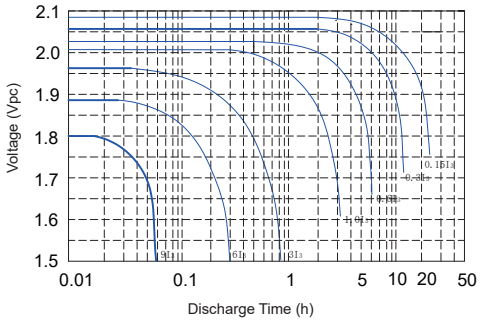
Cycles at different DOD



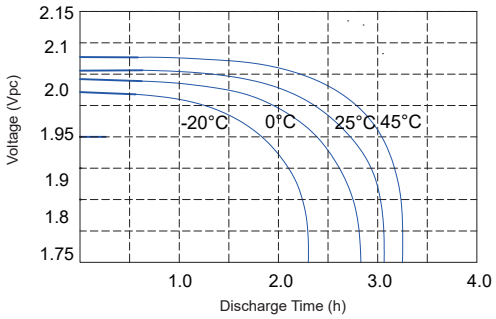
Capacity retention rate at different Temprature



Discharge curve at different Rate



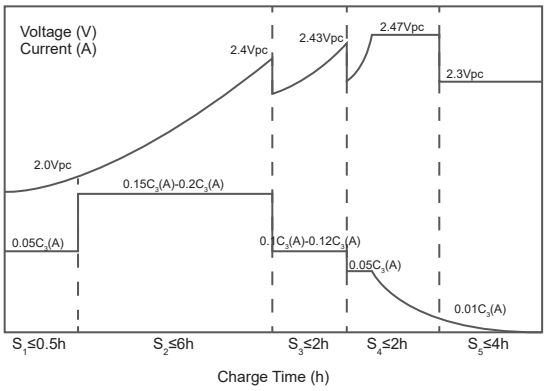
Discharge curve at different Temprature



Charge Method

S1: Pre-charge, charging with constant current 0.05C3 (A) , if the charging voltage rises to 2.0Vpc, the charging automatically switches to S2, if the charging time reaches 0.5h, the charging voltage has not reached 2.0Vpc, the charger should alarm and prompt abnormal conditions.

S2: Constant current charging,Charging with constant current 0.15C3(A)~0.2C3(A), if the charging voltage rises to 2.4Vpc, or the charging time reaches 6h, the charging automatically switches to S3.



S3: Constant current charging,Charging with constant current 0.1C3(A)~0.12C3(A), if the charging voltage rises to 2.43Vpc, or the charging time reaches 2h, the charging automatically switches to S4.

S4: Constant voltage charging, Charging with constant voltage 2.47Vpc, the limited current is 0,05C3(A), if the charging current drops to 0.01C3(A),or the charging time reaches 2h, the charging automatically switches to S5.

S5: Float chargeing, the float charging voltage is 2.3Vpc, the limited current is 0.01C3(A),after charging 4h, the charging stop.

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