

# Electric Vehicle Battery

EVF Series VRLA Gel Battery



## Applications

- ▣ Electric Low Speed Vehicles
- ▣ Golf Carts
- ▣ Electric Patrol Cars
- ▣ Street Sweeper, Automatic Loading &
- ▣ Unloading Trucks,
- ▣ Delivery Vehicles

## Features

- ▣ Cycle life is prolonged by our proprietary corrosion resistant alloy;
  - A greater ability to deliver large currents is provided by the radial grids and dedicated connecting bars.
- ▣ Deep-cycle performance is enhanced by our proprietary paste recipes and curing process
- ▣ High-strength and grease-proof jars and covers can reduce impacts from earthquakes and
- ▣ prevent the battery from corrosion of brake oil; Delicate seal technologies protect the battery
- ▣ from electrolyte leakage and creepage ;
  - The delicate construction of self-relief valves can avoid bulges and cracks.
  - Easy installation and maintenance are provided

## Highlights

- ▣ Design life up to 5 years
- ▣ Large discharge current
- ▣ Reliably sealed
- ▣ High specific energy, low IR & self discharge
- ▣ Higher reaction efficiency and deep-cycle performance

## Certifications



## Technical parameter

Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Dimensions(±3mm)				Internal Resistance (mΩ)
			L (mm)	W (mm)	H (mm)	TH (mm)	
3-EVF-150	6	150	260	180	245	253	2.8
3-EVF-180	6	180	262	180	268	274	2.6
3-EVF-200	6	200	262	180	268	274	1.9
3-EVF-260	6	260	353	180	269	275	1.7
4-EVF-150	8	150	262	180	279	283	3.2
6-EVF-65	12	65	350	167	180	180	5.5
6-EVF-80	12	80	259	168	213	215	4.4
6-EVF-90	12	90	331	172	215	220	4.3
6-EVF-100A	12	100	331	176	214	218	4.1
6-EVF-100B	12	100	331	176	214	218	4.0
6-EVF-120	12	120	405	171	239	239	3.7
6-EVF-135	12	135	348	172	280	285	3.5
6-EVF-150	12	150	483	170	235	235	3.3
6-EVF-200	12	200	521	239	219	224	2.7

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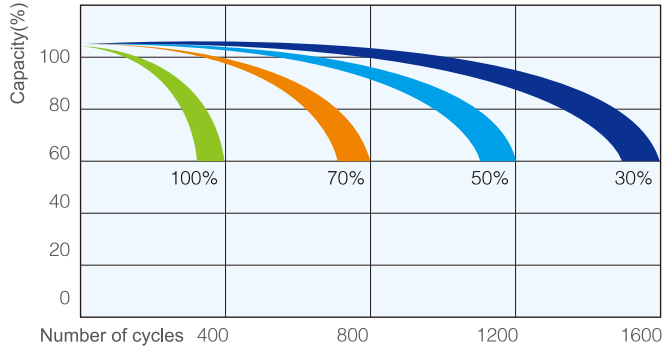
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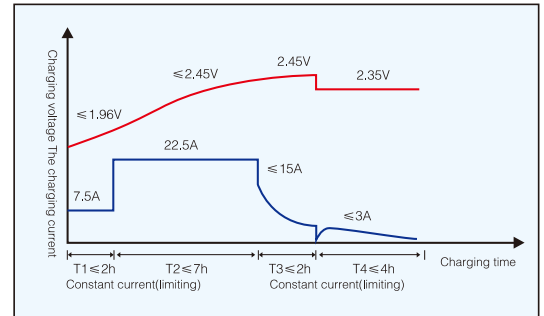


## Performance

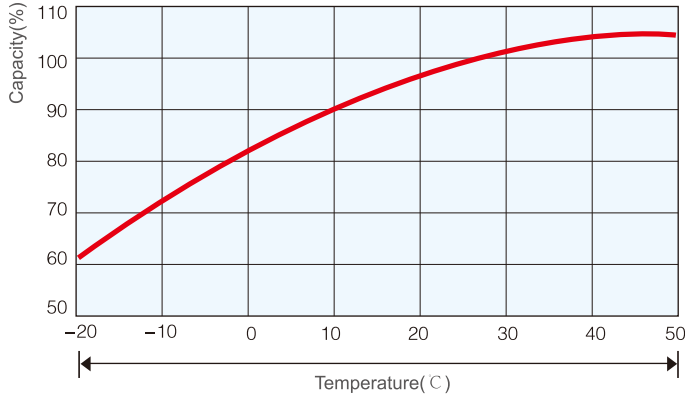
Cycle life curve



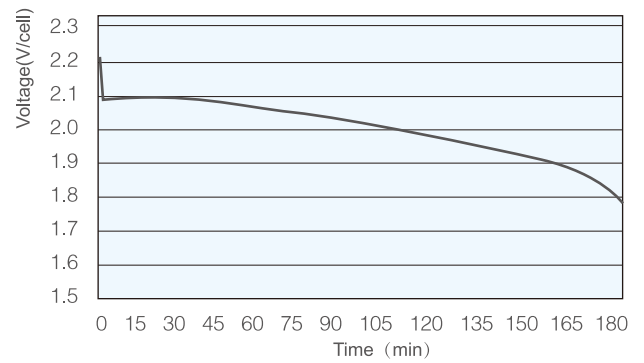
4-EVFJ-150 typical battery charging curve



Capacity curve under different temperature



Discharge characteristics of 3hr curve



## Applications



Disclaimer: All data presented above are subject to change without further notice.  
Please contact ALLGRAND for latest updates.