

Electric Vehicle Batteries

(DC series, VRLA type)



Applications

- Electric vehicle including electric automobile, electric road vehicles and so on.
- Special electric vehicle including golf cart, patrol car, sightseeing bus and so on
- Electric buses, municipal engineering vehicles, etc.
- Electric truck, etc.



Features

- Long cycle life: special paste formula design, suit for deep cycle
- Excellent large current discharge performance: high specific power, performs well on start and climbing
- High recharge acceptance performance: special alloy formula, fast charge
- Wide temperature range: -20°C to 60°C
- High security and reliability: enhanced shell design, excellent anti-shake ability; reliable sealing, no leaking
- Maintain-free, no water addition required



Specifications

Type	Nominal Voltage (V)	Weight (Kg)	Rated Capacity (Ah)				Dimensions (mm)			
			3HR	10hr	5hr	2hr	Length	Width	Height	Total H
3-EVF-180	6	34	180	210	200	160	260	180	260	265
3-EVF-200	6	37	200	230	220	180	260	180	275	280
3-EVF-200S	6	36	200	230	220	180	330	180	221	222
4-EVF-150	8	38	150	175	160	130	260	180	275	280
6-EVF-120	12	46	120	140	130	110	355	180	260	265
6-EVF-150	12	51	150	175	160	130	480	170	226	236

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Design Features and Benefits

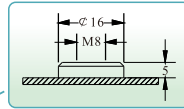
Lip structure designed safety valve, precisely control the opening and closing valve pressure

Heat sealing technology for case and lid, reliable sealing performance

Special shell protection device to prevent bulging, improve cycle life and prevents thermal runaway, higher operation temperatures

Special additives in positive paste, improve battery deep cycle performance

No cadmium grid alloy, green and high cycle life

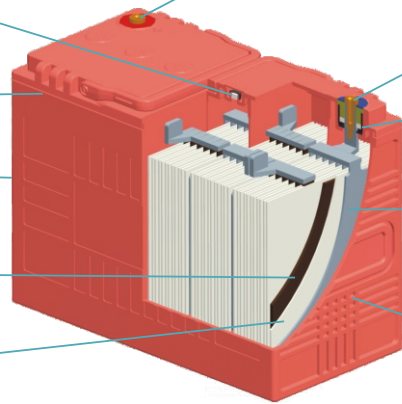


Copper terminal design, higher electrical conductivity and strength than lead terminal

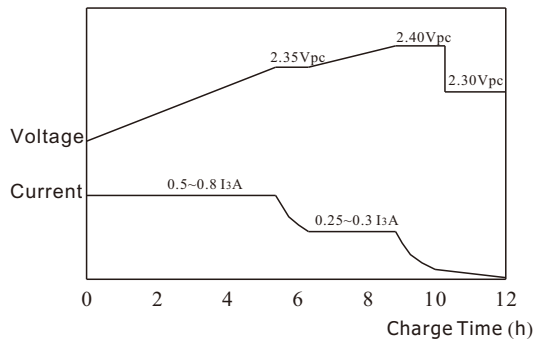
Pole glue seal technology, innovative glue seal for PP material, no leakage

Special negative paste formulation, prevent sulfation and improve high current discharge performance

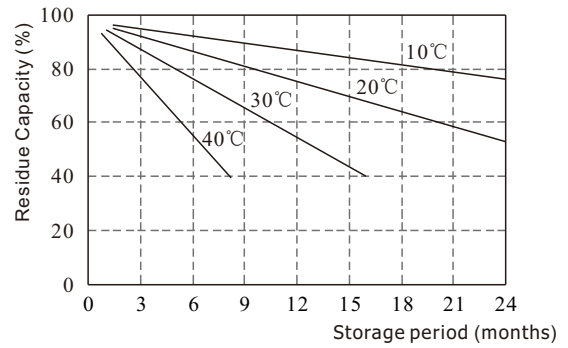
Special PP/ABS case and lid material, anti-aging, impact resistance and reduce water loss.



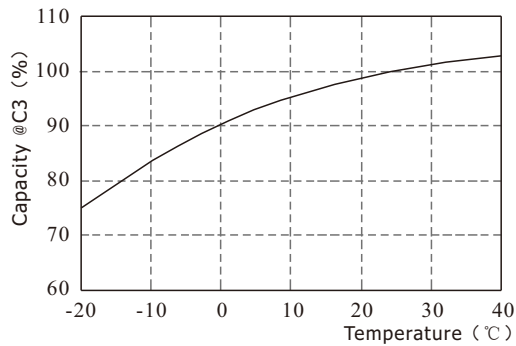
Charge Curve



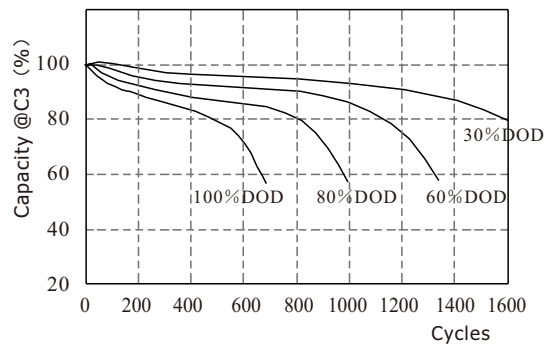
Storage Curve



Temperature vs Capacity Curve



Cycle vs DOD curve



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