

VALVE REGULATED RECHARGEABLE BATTERY

State-of-the-art technology

EV Series:

SUMMARY:

EV Series battery is specially designed for electric vehicle use, with super strong grids and heavy-duty plates, specially designed additive (patented) and active materials assure its reliable and excellent discharge performance under high load condition.

FEATURES:

- Sealed & Maintenance-free
- Safety Valve for Explosion-proof
- Wide operation temperature
- Super strong Grids & Heavy-duty plate
- Excellent discharge performance under high load discharge

CONSTRUCTION:

- Plates: Robust Pasted Plates(patented Pb/Ca/Sn alloy)
- Separator: Microporous AGM
- Container: ABS
- Electrolyte: Diluted Sulphuric Acid
- Safety Valve: Rubber(EPDR), one way pressure release

ELECTRICAL PARAMETERS:

- Float charge voltage(25 °C): 2.27~2.30V
- Boost charge voltage(25 °C): 2.43~2.47V
- Temperature compensation: -3mV/°C/cell(float), -4mV/°C/cell(cyclic)
- Max. charging current: 0.3CA

CONFORM TO

- BS6290-4
- IEC60896-21/22
- IEC61427
- IEC60156

APPLICATION:

- Off-grid Solar/Wind System
- Uninterruptable Power Supply(UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency lighting
- Data Center
- Oil and Gas
- Cable Television
- Medical Equipment
- Railway signal
- Aircraft signal
- Alarm and Security System
- Electronic equipment
- Communication Power Supply
- Auto control system



Capacity Range:10-200Ah

General Specifications

Model	Voltage	Capacity	Dimension(mm)				Terminal	Weight
	(V)	(AH)	Length	Width	Height	Total Height		±4%(Kg)
EV6-180	6	180	306	168	222	227	T12	28
EV6-200	6	200	322	178	228	231	T12	30
EV6-200F	6	200	260	180	270	275	T12	35
EV6-210	6	210	322	178	226	231	T12	32
EV6-225	6	225	260	180	263	282	T14/T22	32
EV8-150F	8	150	260	180	280	280	T12	36
EV12-10	12	10	151	98	95	101	T1/T2	3.85
EV12-12	12	12	151	98	95	101	T1/T2	4.2
EV12-14	12	14	151	98	99	105	T1/T2	4.5
EV12-22	12	22	181	77	167	167	T3/T13	6.2
EV12-24	12	24	181	77	170	170	T18	7
EV12-26	12	26	166	175	125	125	T3/T13	8.8
EV12-33	12	33	195	166	171	171	T7/T11	10.2
EV12-45	12	45	198	166	171	171	T4/T11	14.6
EV12-55	12	55	229	138	210	235	T15/T11	18
EV12-60	12	60	260	169	180	185	T15/T11	20
EV12-60F	12	60	262	165	169	169	T12	20
EV12-70F	12	70	260	169	210	210	T12	24
EV12-75	12	75	260	169	210	235	T15/T11	23.5
EV12-80F	12	80	260	169	210	210	T12	26.5
EV12-90	12	90	306.5	168.5	10	235	T15/T12	28.5
EV12-100	12	100	328	172	222	222	T5/T12	31.5
EV12-100S	12	100	306.5	168.5	10	235	T15/T12	30
EV12-100F	12	100	330	172	214	214	T12	32.5
EV12-105F	12	105	330	172	214	214	T12	34
EV12-110	12	110	328	172	222	222	T5/T12	32
EV12-110F	12	110	330	172	214	214	T12	36
EV12-120	12	120	407	177	225	225	T5/T12	36.5
EV12-120F	12	120	407	174	209	214	T12	42
EV12-150	12	150	483	170	240	240	T5/T12	47
EV12-150F	12	150	483	170	240	240	T12	50
EV12-180	12	180	530	209	214	219	T16/T12	52
EV12-200	12	200	522	240	219	240	T16/T10	62.5