

**GENERAL FEATURES**

- Longer cycle life: special paste formula, over dimensioned negative plate, optimized manufacturing process, additives for deep discharge.
- Special high quality separators boost up the battery internal performance.
- Using oxygen recombination technology, maintenance-free.
- Using patented GEL electrolyte, particularly designed for solar energy system.
- Wide operation temperature range: -40°C - +60°C
- Designed to have a lifespan of 12 years for float charging at 25°C
- High strength ABS battery container. (Flame-retardant ABS container is optional)


**APPLICATIONS**

- Electric tools
- Vehicle in place of walking
- Lawn mowers
- Golf trolleys and golf cart
- Power system of special network or local area network
- Electric toys
- Solar lights
- Fire alarms
- Solar and wind power system
- Electric wheelchairs
- Medical equipment


**SPECIFICATIONS**

<b>Model</b>	Nominal Voltage	12V		
	Rated Capacity (10Hr rate)	200Ah		
<b>Dimensions</b>	Length	Width	Height	Total Height
	522mm	240mm	220mm	244mm
<b>Weight</b>	Approx. 59.60 kg ± 3%			
<b>Capacity @25°C (77°F)</b>	10 Hour (20A,10.8V)	5 Hour (34A,10.5V)	3 Hour (50A,10.2V)	1 Hour (110A,9.6V)
	200Ah	170Ah	150Ah	110Ah
<b>Internal Resistance</b>	Fully charged at 25°C, approx. 2.5mΩ			
<b>Max. Discharge current</b>	2000A (5 Sec.)			
<b>Capacity Affected by Temp. (20Hr)</b>	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	112%	100%	80%	68%
<b>Self Discharge Rate @25°C (77°F)</b>	After 3 months Storage	After 6 months Storage	After 12 months Storage	
	91%	82%	64%	
<b>Charge Method</b>	Cycle Use		Float Charging	
	14.1-14.4V (Initial current less than 73A) @25°C (77°F)		13.5-13.8V@25°C (77°F)	

**DIMENSIONS & TERMINALS**
