

DC12-200 Lead Acid Battery



- 30% higher cycle life than conventional batteries with SiO2 and H2SO4 as compound gelled electrolyte
- Long float charging and cycle life, strong adaptability to ambient temperatures
- CE, IEC60896, and UL certifications
- Valve-regulated, maintenance free, no need to add water or acid during the use

System Overview

This gel-compounded lead acid battery is designated for scenarios where the battery needs to be deeply discharged frequently and used circularly. It adopts patented active substance formulations, corrosion-resistant grid alloys, and thickened plates to ensure strong corrosion resistance ability, and a cycle life 30% higher than conventional batteries. The battery can be widely applied in solar or wind power systems, mobile medical equipment, recreational vehicles, telecommunication base stations, UPS/ EPS, and other fields.

Technical Specification Function 12V DC **Rated Voltage** Capacity (25°C/77°F, 20hr) 212Ah 200Ah Capacity (25°C/77°F, 10hr) 174.5Ah Capacity (25°C/77°F, 5hr) 154.8Ah Capacity (25°C/77°F, 3hr) Float Voltage (25°C/77°F) 13.6V-13.8V DC Cycle Voltage (25°C/77°F) 14.6V-14.8V DC Max. Charging Current 40A (0.2C) Max. Discharging Current 2000A (5 s) ≤3% discharge per month. It is recommended to recharge the battery every 3 months. Do not exceed Self-discharge (25°C/77°F) 6 months. Internal Resistance 4.5mΩ (fully charged at 25°C/77°F) Design Life 12 years with float charging General Connection Lead-out wire (6 mm², 1.0 m each)

Product Dimensions	522.0 mm × 240.0 mm × 219.0mm (20.55" x 9.45" x 8.62") (L x W x H)
Packaging Dimensions	537.0 mm × 250.0 mm × 259.0 mm (21.14" x 9.84" x 10.20") (L x W x H)
Packaging Method	1 pc in each carton
Casing Material	Acrylonitrile Butadiene Styrene (ABS), UL94-HB flame retardant by default
Product Color	Top: Dark gray The rest: Light gray
Net Weight	58.0 kg (127.9 lb)
Gross Weight	58.4 kg (128.7 lb)
Environment	
Discharging Temperature	-20°C to +60°C (-40°F to +140°F)
Charging Temperature	0°C to +50°C (+32°F to +122°F)
Operating Humidity	<95% (RH)
Recommended Storage Temperature	0°C to +40°C (+32°F to +104°F)
Storage Temperature	<95% (RH)
Certifications	
Certifications	CE: EN61000-6-1, EN61000-6-3, EN60896-21, EN60896-22 IEC: IEC60896-21, IEC60896-22 UL: MH28539

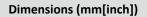
Package Information

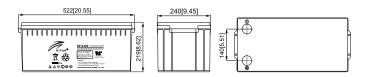
12V 200Ah lead acid battery						
DC12-200						

1 pc

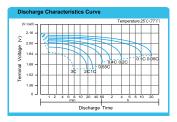
Solar Series | DC12-200

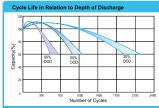
Ordering Information									
Туре	Model	Description							
Lead Acid Battery	DC12-200	Valve-regulated Lead Acid battery 12V 200Ah							

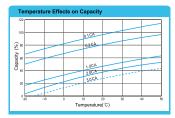


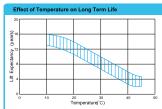


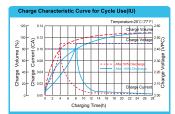
Performance

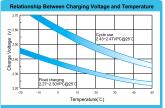












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Relationship of OCV And State of Charge(20°C)												
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	1.80											
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