

## SCP122500 DC 8D 12V 250Ah(20hr)

Rechargeable AGM Lead Acid batteries. Battery is completely sealed and is maintenance-free, leak proof, and can be used in any position. Is approved for transportation by Air, DOT, IATA, and FAA.

### General Features

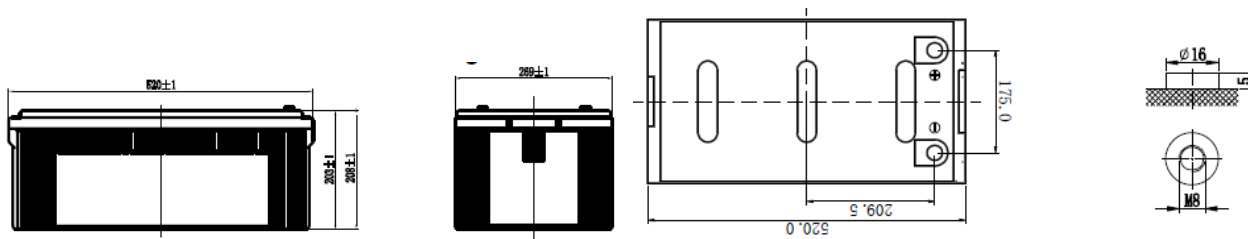
- Absorbent Glass Mat (AGM) Deep Cycle technology high cycle applications.
- Not restricted for air transportation, complies with IATA/ICAO special provision 67
- UL-recognized component
- Computer designed lead, calcium tin alloy grid for high power density
- Long service life, float or cyclic applications
- Maintenance-Free
- Low self-discharge

### Dimensions and Weight

Length (mm / inch)	520/20.5
Width (mm / inch)	269/10.6
Height (mm / inch)	203/8.0
Total Height (mm / inch)	208/8.2
Aprox. Weight (kg / lbs)	72.6/160.1
Terminal Type/size	M8

### Performance Characteristics

Nominal voltage	12	
Number of cells	6	
Nominal Capacity 77° F (25°C)		
100 hour rate	1.80V/cell	269Ahr
24 hour rate	1.80V/cell	250Ahr
10 hour rate	1.75V/cell	245Ahr
5 hour rate	1.75V/Cell	201.5Ahr
1 hour rate	1.60V/cell	162.5Ahr
Self-Discharge	3% of capacity per month at 20°C	
Operating Temperature Range		
Discharge	-20 to +60°C	
Charge	-10 to +60°C	
Storage	-20 to +60°C	
Max Discharge Current	1100A	
Short Circuit Current	4300A	
Charge Methods: Constant Voltage Charge 77°F (25°C)		
<b>Cycle use</b>	2.40-2.45VPC	
Maximim charging current	0.33C 20hr	
Temperature compensation	-30mV/°C	
<b>Standby use</b>	2.26-2.30VPC	
Temperature compensation	-20mV/°C	



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IEEE/UL Battery  
 Sizing by  
**MooreU**  
 610-952-6067  
 www.mooreu.com

## Cycle life SCP DC Models % DOD

