

12 V 180 Ah (C₂₀) Deep Cycle AGM Battery



Artikelnummer: SB.AGM180 **AGM 180 / Typ A180**

PHYSICAL CHARACTERISTICS

	SI Units	US Units
Length	513 mm	20.1 inch
Width	223 mm	8.7 inch
Height	223 mm	8.7 inch
Typical weight	49.2 kg	108.03 lbs

Specifications:

- Nominal voltage: 12 V
- Rated capacity: 180 Ah (at C₂₀)
- Separator: AGM
- Electrolyte: Sulphuric acid; analytical grade
- Self discharge: < 2.5% per month at 20°C
- Standards: IEC 61056; IEC 61427; IEC 60896
- Venting valve: One way, self resealing
- Degassing system: Central
- Terminal type: Top / Automotive
- Case / lid material: Polypropylene
- Carrying Handles: Available (2)

Performance characteristics:

BATTERY DISCHARGE PERFORMANCE AT 25°C

Discharge time	15 min	1 h	5 h	10 h	100 h	
End of discharge voltage	9.60 V	9.60 V	10.20 V	10.80 V	10.80 V	
Discharge capacity	70 Ah	100 Ah	130 Ah	145 Ah	170 Ah	
Constant power discharge (per block)	3100 W	1100 W	300 W	170 W	20 W	
Reserve capacity at 25 A	300 min / 125 Ah					
Temperature correction factor of discharge capacity						
Temperature	-20 °C	-10 °C	0 °C	10 °C	20 °C	40 °C
Correction factor	0.50	0.70	0.83	0.91	0.97	1.04

BATTERY CHARGE CONDITIONS

Constant current charge	Current range: 0.1 – 0.2C ₂₀ A
Constant voltage charge	Voltage range: 14.10 – 15.10 V (Recommended: 14.40 V)
Float voltage	13.62 V (2.27 Vpc) at 20 °C
Temperature correction factor	Below 20 °C: + 0.018 V/block/°C; Above 20 °C: - 0.018 V/block/°C
Float application	Recommended: max. 0.1C ₁₀ A / 13.62 V (2.27 Vpc)
Cycle applications	Recommended: max. 0.2C ₁₀ A / 14.40 V (2.40 Vpc) Recharge Ah: at least 105% from previous discharge Ah

