



AGM DEEP CYCLE

SEALED MAINTENANCE FREE

PHYSICAL CHARACTERISTICS

	SI Units	US Units
Length	513 mm	20,1 inch
Width	189 mm	7,4 inch
Height ^A	223 mm	8,7 inch
Typical weight ^B	40,40 kg	89,07 lbs

AGM 140A-135 Ah (C₂₀)



Specifications:

- Nominal voltage: 12 V
- Rated capacity: 135 Ah (at C₂₀ and 25 °C)
- CCA (EN): 950 A
- Plate technology: Calcium / Calcium
- Separator: AGM
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Kamina
- Terminal type: Conical
- Carrying Handles: Available
- Cycles at 50% DoD: up to 500 cycles
- PVES applications: up to 1000 cycles

Performance characteristics:

BATTERY DISCHARGE PERFORMANCE AT 25°C

Discharge rate	C ₅ (5 h)	C ₁₀ (10 h)	C ₂₀ (20 h)	C ₁₀₀ (100 h)	Capacity at 25 A
End of discharge voltage	10.20 V	10.80 V	10.50 V	10.80 V	10.50 V
Discharge capacity	110 Ah	125 Ah	135 Ah	140 Ah	260 min

Temperature correction factor of discharge C₅ (5 h) capacity

Temperature	-10 °C	0 °C	20 °C	25 °C	30 °C	35 °C	40 °C
Correction factor	0.80	0.88	0.98	1.00	1.03	1.05	1.07

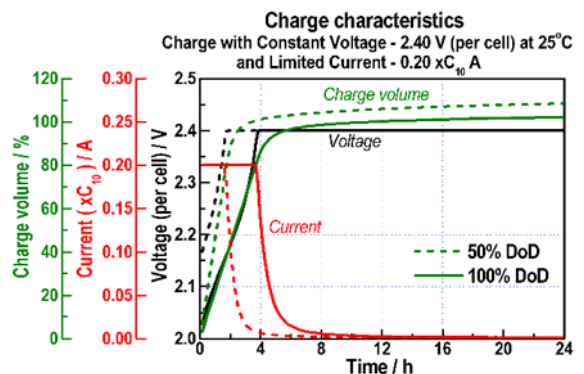
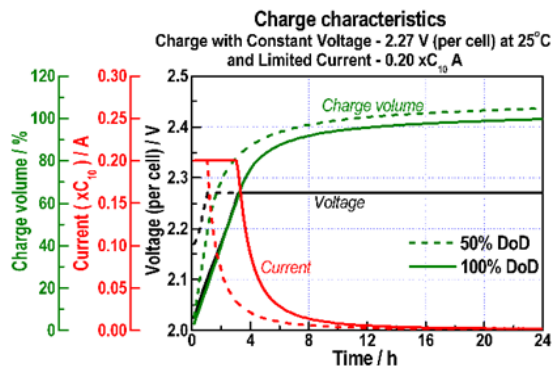
BATTERY CHARGE CONDITIONS AT 25°C

Charging profile: Float / Boost

Charge factor: 1.05 – 1.07

Float charge voltage

Boost charge voltage



BATTERY DISCHARGE CURVES AT 25°C

DISCHARGE PERFORMANCE AT CONSTANT CURRENT DISCHARGE (A)

