



AGM DEEP CYCLE

SEALED MAINTENANCE FREE

PHYSICAL CHARACTERISTICS

	SI Units	US Units
Length	353 mm	13,90 inch
Width	175 mm	6,89 inch
Height ^A	190 mm	7,48 inch
Typical weight ^B	26,90 kg	59,30 lbs

AGM 81090-95 Ah (C₂₀)



Specifications:

- Nominal voltage: 12 V
- Rated capacity: 95 Ah (at C₂₀ and 25 °C)
- CCA (EN): 860 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: Top / Automotive
- 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	85 Ah	90 Ah	95 Ah	100 Ah	175 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

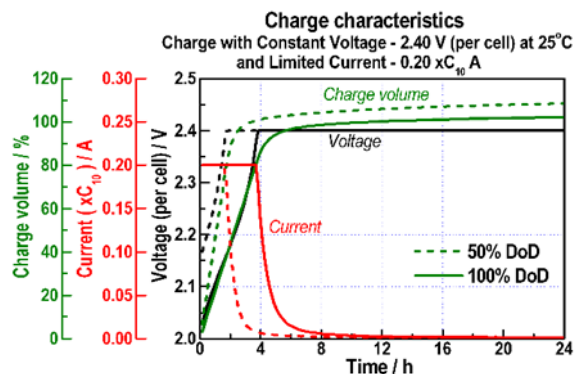
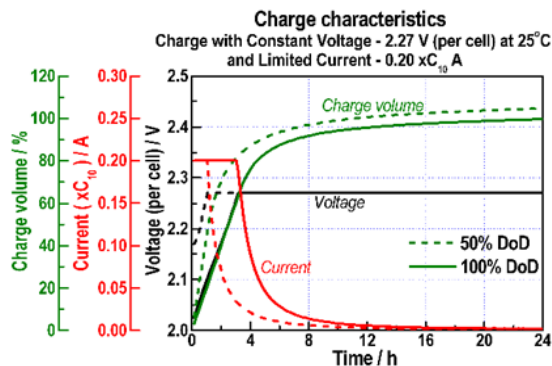
BATTERY CHARGE CONDITIONS AT 25°C

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)

