



AGM DEEP CYCLE

SEALED MAINTENANCE FREE

PHYSICAL CHARACTERISTICS

	SI Units
Length	513 mm
Width	189 mm
Height	223 mm
Typical weight	40,70 kg



Specifications:

- Nominal voltage: 12 V
- Rated capacity: 140 Ah (at C_{20} and 25 °C)
- Plate technology: Calcium - Calcium
- Separator: AGM
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 61056; IEC 61427; IEC 60896
- 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 C_5 (5 h) 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

Charging profiles: WaW0 and IU1a Charge factor: 1.10 – 1.20

