



## AGM DEEP CYCLE

SEALED MAINTENANCE FREE

### PHYSICAL CHARACTERISTICS

	SI Units
Length	278 mm
Width	175 mm
Height <sup>A</sup>	190 mm
Typical weight <sup>B</sup>	21,20 kg



### Specifications:

- Nominal voltage: 12 V
- Rated capacity: 80 Ah (at C<sub>20</sub> and 25 °C)
- 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

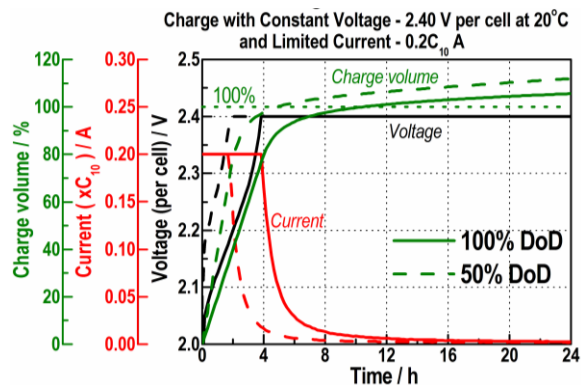
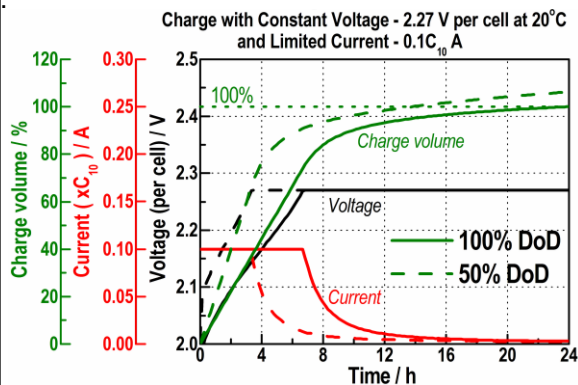
Discharge rate	C <sub>5</sub> (5 h)	C <sub>10</sub> (10 h)	C <sub>20</sub> (20 h)	C <sub>100</sub> (100 h)	Capacity at 25 A
End of discharge voltage	10.20 V	10.80 V	10.50 V	10.80 V	10.50 V
Discharge capacity	52 Ah	63 Ah	70 Ah	75 Ah	130 min

#### Temperature correction factor of discharge C<sub>5</sub> (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



- A. Height taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
- B. Weight may vary ±5%.