

# Data Sheet **Deep Cycle AGM 105 Ah**



**ACCUCU**  
SERVICE HOLLAND.NL



## PHYSICAL CHARACTERISTICS

	SI Units
Length	345 mm
Width	175 mm
Height	230 mm
Typical weight	31,80 kg

## Specifications

- Nominal voltage: 12 V
- Rated capacity: 100 Ah (at  $C_{20}$  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	$C_5$ (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	95 Ah	100 Ah	105 Ah	180 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 IUla Charge factor: 1.10 – 1.20

