



DEEP CYCLE

PROFESSIONAL

PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	304 mm	12 inch
Width	173 mm	6.8 inch
Height	220 mm	8.7 inch
Typical weight	24.70 kg	54.45 lbs

GR27 12V DC-95 Ah (C₂₀)

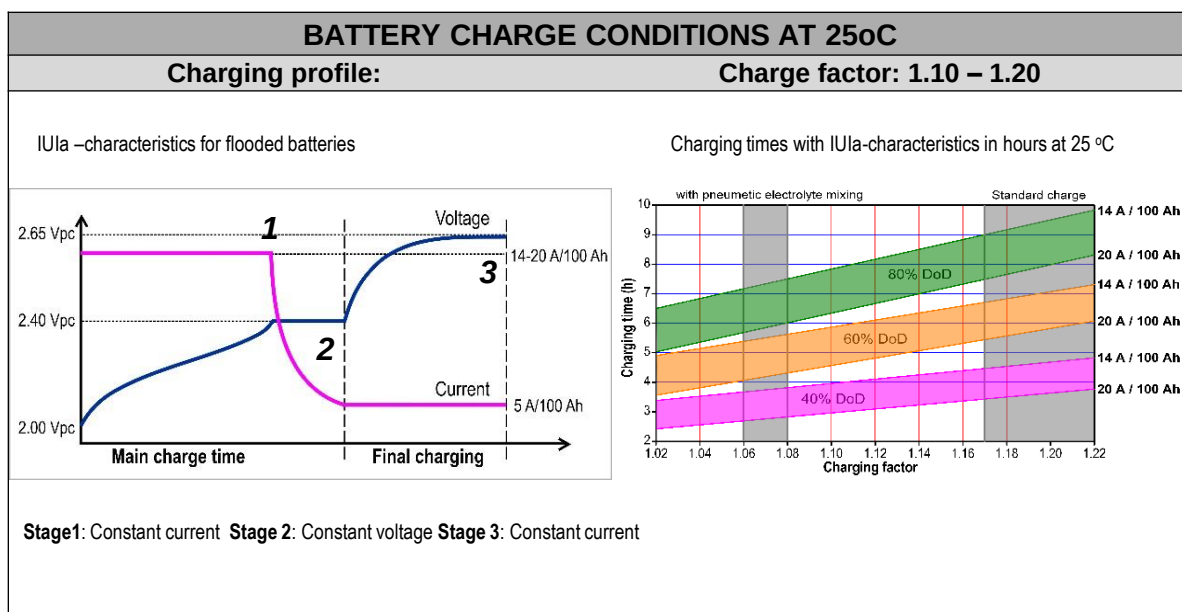


Specifications:

- Nominal voltage: 12 V
- Rated capacity: 95 Ah (at C₂₀ and 25 °C)
- Plate technology: Antimony / Calcium
- Separator: Polyethylene + glass mat
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Flat
- Terminal type: Dual/Bolted
- Carrying Handles: Available
- Cycles at 50% DoD: up to 400 cycles
- PVES applications: up to 900 cycles

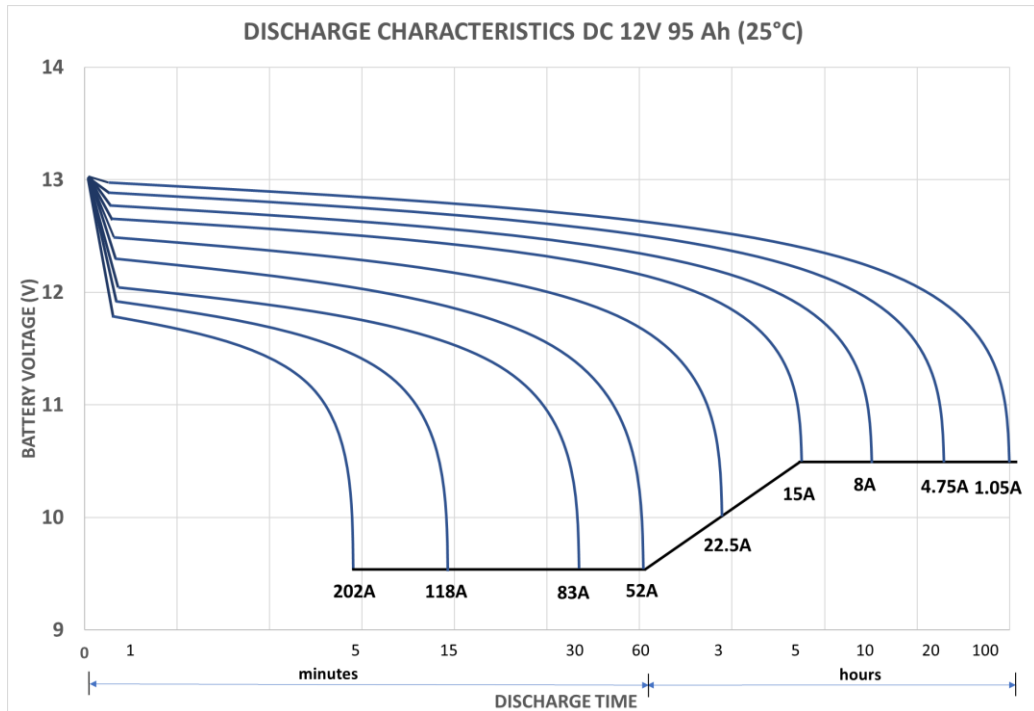
Performance characteristics:

BATTERY DISCHARGE PERFORMANCE AT 25°C							
Discharge rate		C ₅ (5 h)	C ₂₀ (20 h)	C ₁₀₀ (100 h)	Capacity at 25 A		
End of discharge voltage		10,20 V	10,5 V	10,80 V	10,5 V		
Discharge capacity		75 Ah	95 Ah	105 Ah	170 min		
Temperature correction factor of discharge C ₅ (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 DISCHARGE CURVES AT 25°C

DISCHARGE PERFORMANCE AT CONSTANT CURRENT DISCHARGE (A)



Cycle service life in relation to depth of discharge (DC 12V)

