



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)

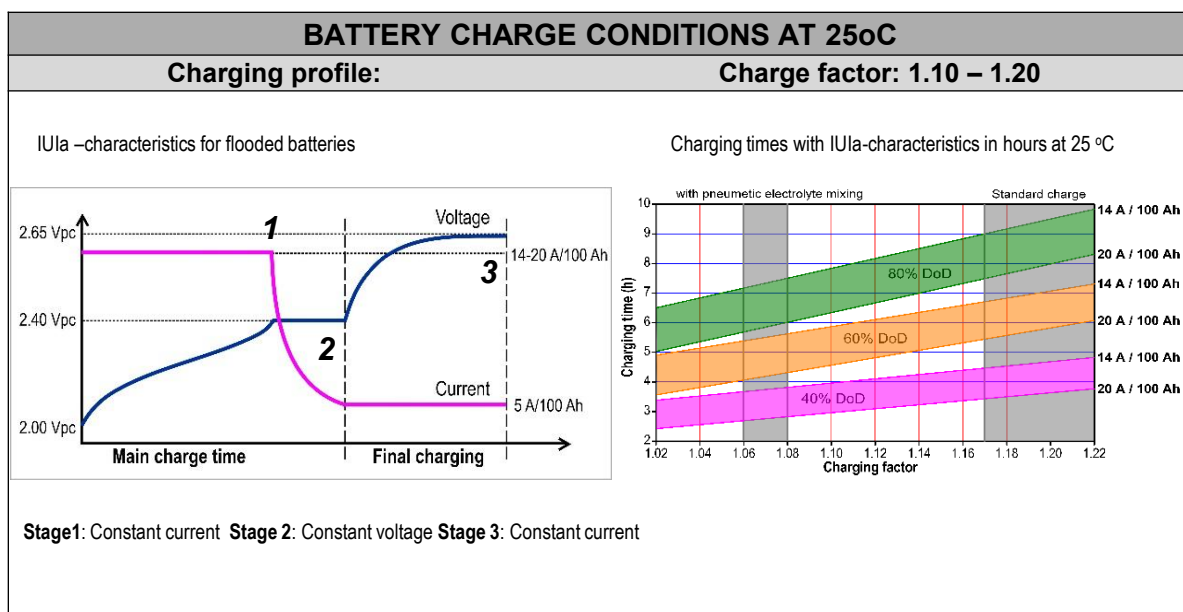


Specifications:

- 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

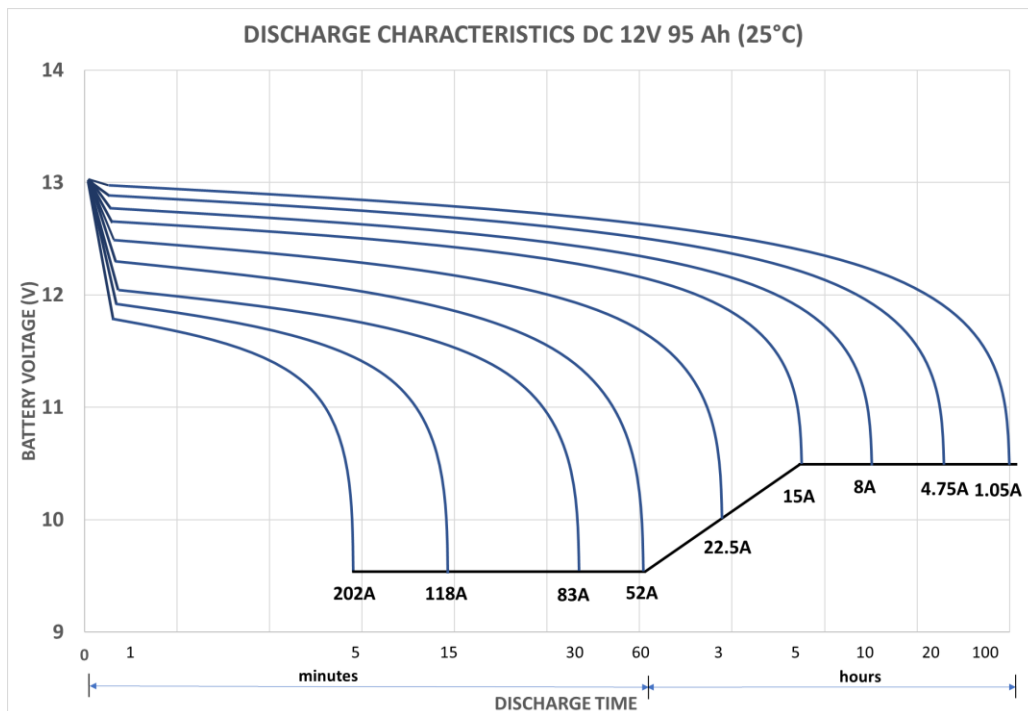
Performance characteristics:

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)

