



PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	260 mm	10.2 inch
Width	175 mm	6.9 inch
Height	220 mm	8.7 inch
Typical weight	21.25 kg	46.85 lbs

GR24 12V DC-80 Ah (C₂₀)

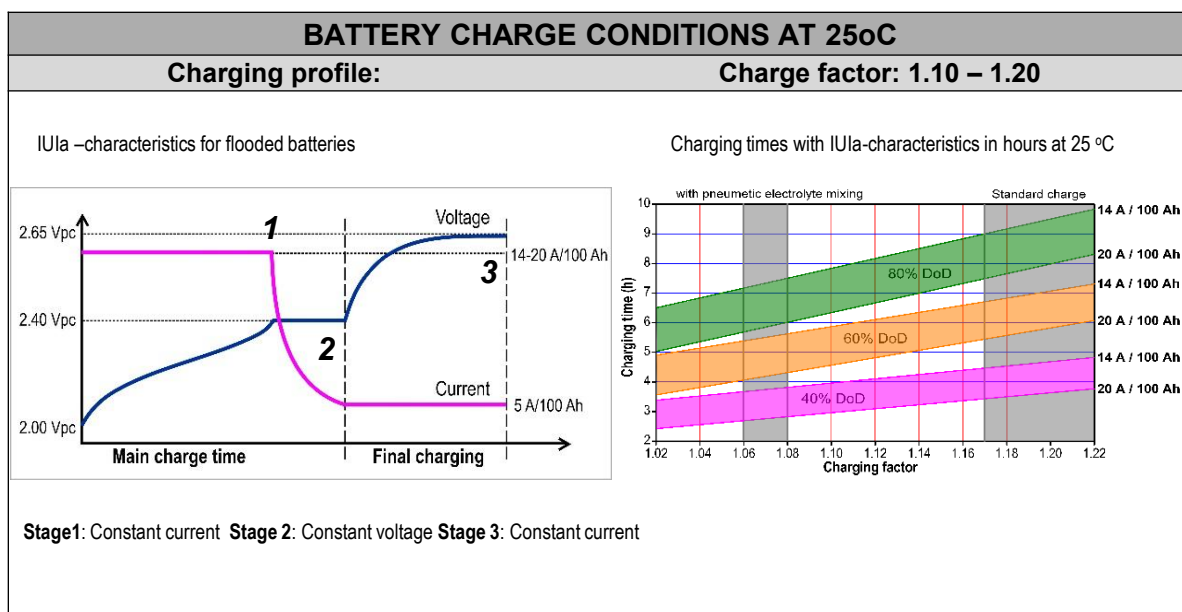


Specifications:

- Nominal voltage: 12 V
- Rated capacity: 80 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

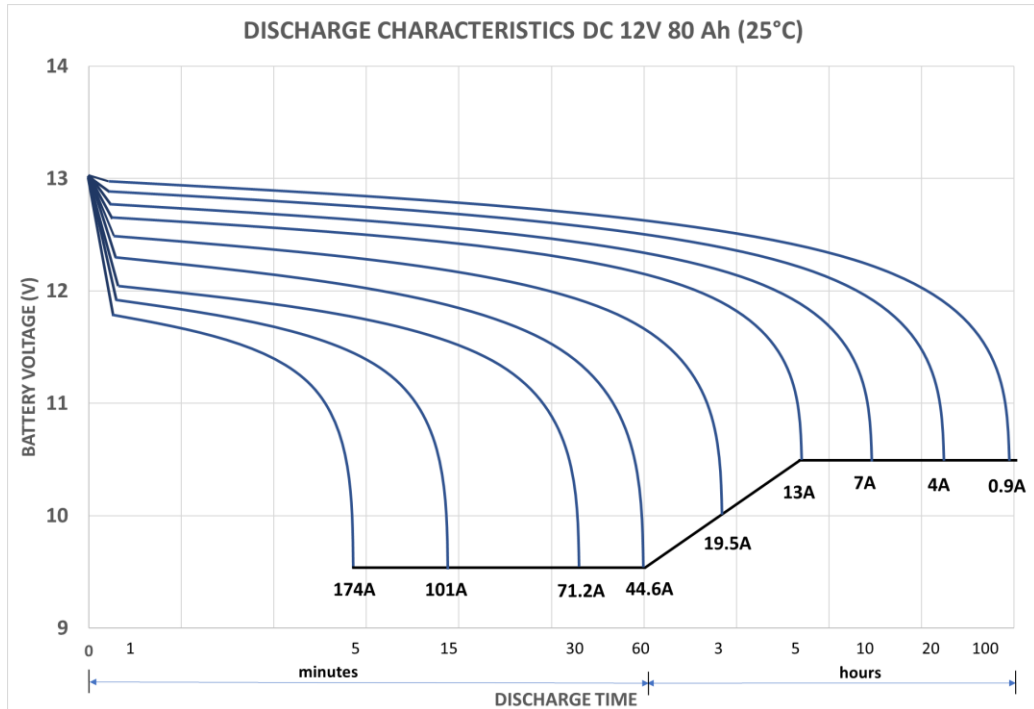
Performance characteristics:

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	10,50 V	10,80 V	10,50 V		
Discharge capacity		65 Ah	80 Ah	90 Ah	130 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)

