



DEEP CYCLE
PROFESSIONAL

GR24 12V DC-80 Ah (C₂₀)



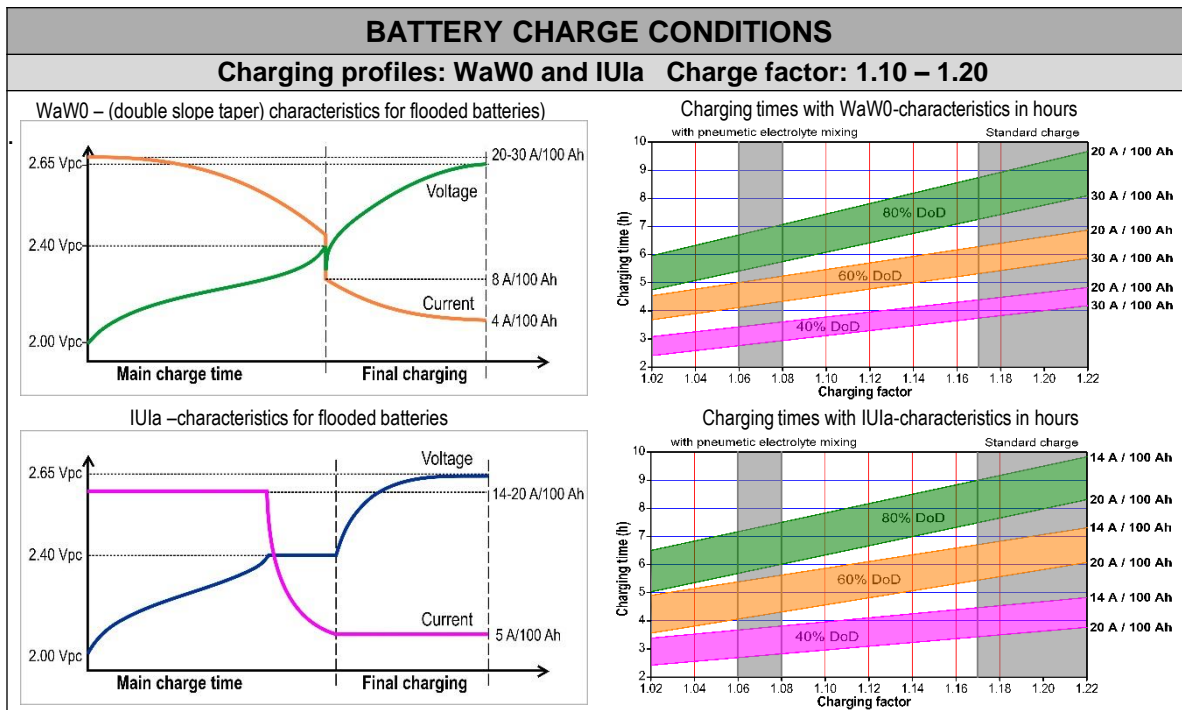
PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	260 mm	10.2 inch
Width	175 mm	6.9 inch
Height	220 mm	8.7 inch
Typical weight	20,7 kg	45.6 lbs

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	5,10 V	5,25 V	5,40 V	5,25 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	10 °C	15 °C	20 °C	30 °C	40 °C
Correction factor	0.83	0.87	0.92	0.94	0.97	1.03	1.09



It is mandatory to check the electrolyte level every 3 months and top up with deionized water to the markings.