



SEMI TRACTION
UTILITY, SOLAR & MARINE

96803 - 12V 230 Ah (C₂₀)



GACELL A/S · Sletten 17 · 7500 Holstebro · DK
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PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	518 mm	20.2 inch
Width	274 mm	10.8 inch
Height	242 mm	7.9 inch
Typical weight	59 kg	130.07 lbs

Specifications:

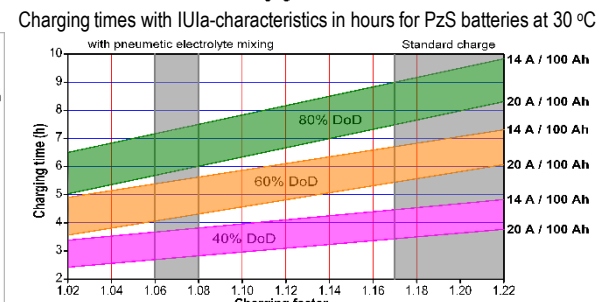
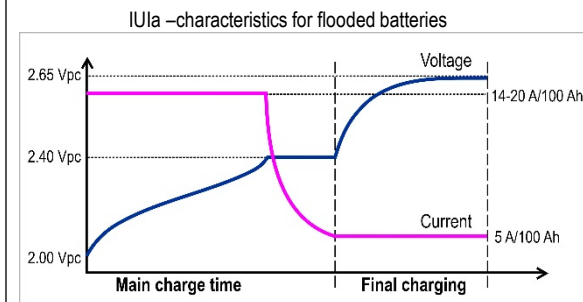
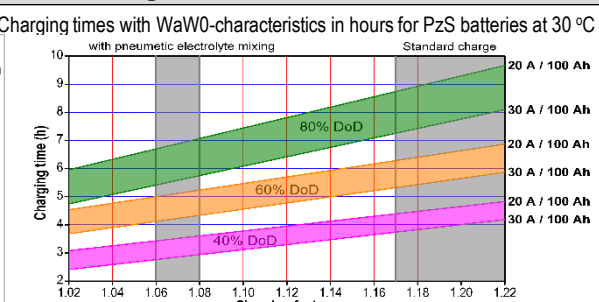
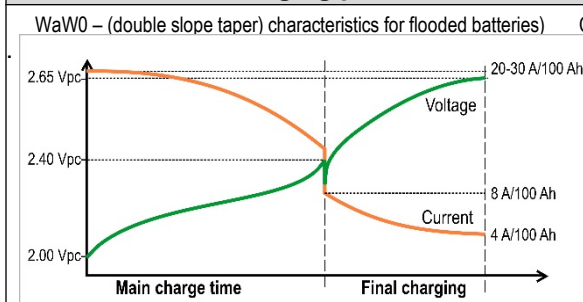
- Nominal voltage: 12 V
- Rated capacity: 230 Ah (at C₂₀ and 30 °C)
- Plate technology: Antimony / Antimony
- Separator: Polyethylene + glass mat
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Flat
- Terminal type: Top / Automotive
- Carrying Handles: Available
- Cycles at 50% DoD: up to 400 cycles
- PVES applications: up to 800 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	190 Ah	230 Ah	253 Ah	460 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	0.76	0.82	0.94	0.97	1.00	1.03	1.06

BATTERY CHARGE CONDITIONS (according DIN 41773 and DIN 41774)

Charging profiles: WaW0 and IU1a Charge factor: 1.10 – 1.20



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