



**SEMI TRACTION**  
UTILITY, SOLAR & MARINE

**96151 - 12V 140 Ah (C<sub>20</sub>)**

PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	513 mm	20.2 inch
Width	189 mm	7.4 inch
Height	223 mm	8.4 inch
Typical weight	37.5 kg	82.67 lbs



Your supplier  
**GACELL**  
The right battery  
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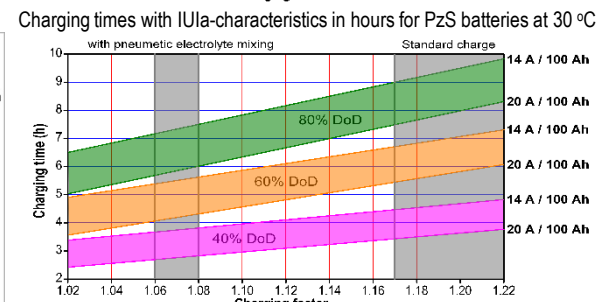
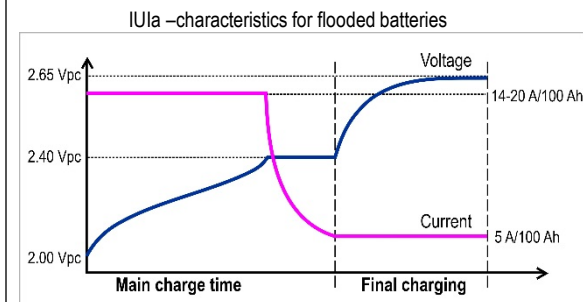
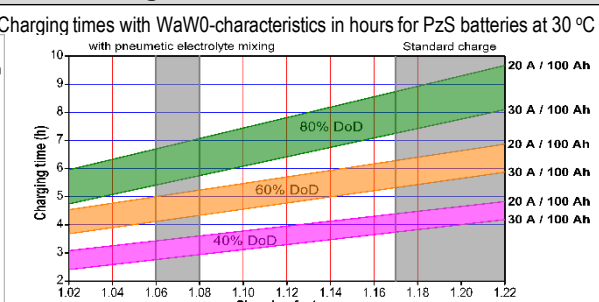
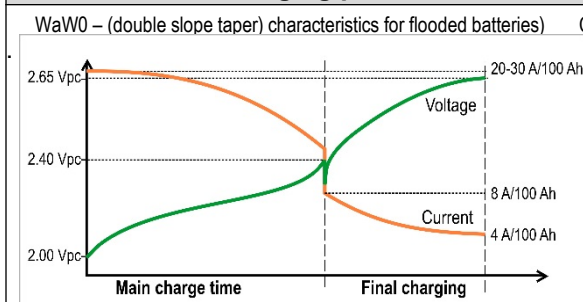
**Specifications:**

- Nominal voltage: 12 V
- Rated capacity: 140 Ah (at C<sub>20</sub> 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 <sub>5</sub> (5 h)	C <sub>20</sub> (20 h)	C <sub>100</sub> (100 h)	Capacity at 25 A			
End of discharge voltage	10.20 V	10.50 V	10.80 V	10.50 V			
Discharge capacity	120 Ah	140 Ah	154 Ah	270 min			
Temperature correction factor of discharge C <sub>5</sub> (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.**