



**SEMI TRACTION**  
UTILITY, SOLAR & MARINE

PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	353 mm	13.9 inch
Width	175 mm	6.9 inch
Height	190 mm	7.5 inch
Typical weight	24.0 kg	52.9 lbs

**95751 - 12V 90 Ah (C<sub>20</sub>)**



GACELL A/S · Sletten 17 · 7500 Holstebro · DK  
+45 961 02 961 · www.gacell-power.dk

**Specifications:**

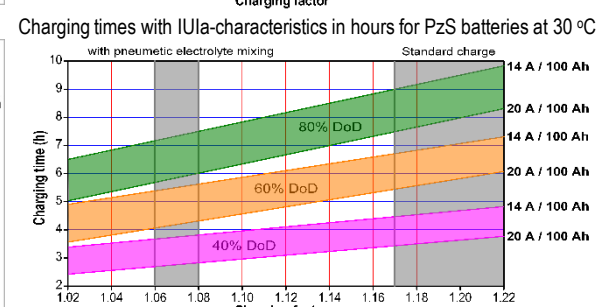
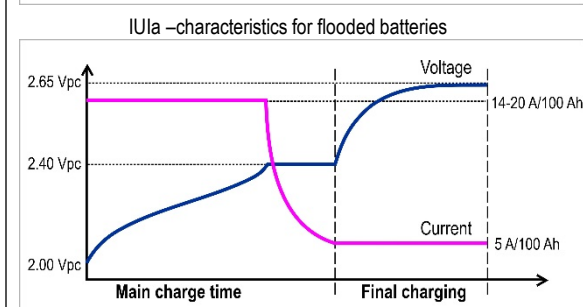
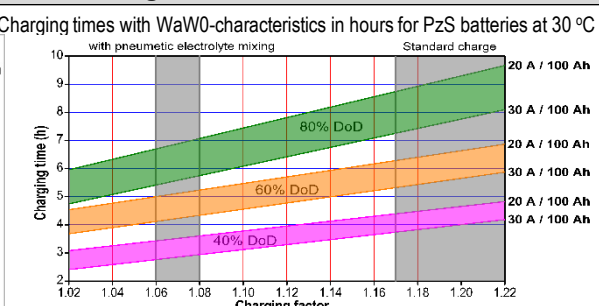
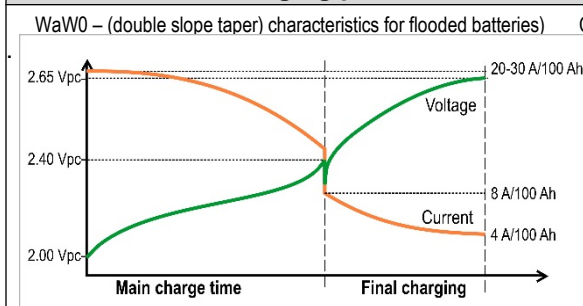
- Nominal voltage: 12 V
- Rated capacity: 90 Ah (at C<sub>20</sub> and 30 °C)
- Plate technology: Calcium / Calcium
- Separator: Polyethylene + glass mat
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Kamina
- Terminal 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	75 Ah	90 Ah	100 Ah	160 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.**