



**DEEP CYCLE**  
PROFESSIONAL

PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	261 mm	10,28 inch
Width	181 mm	7,13 inch
Height	276 mm	10,87 inch
Typical weight	31,40 kg	69,22 lbs

**8V US DC-175 Ah (C<sub>20</sub>)**

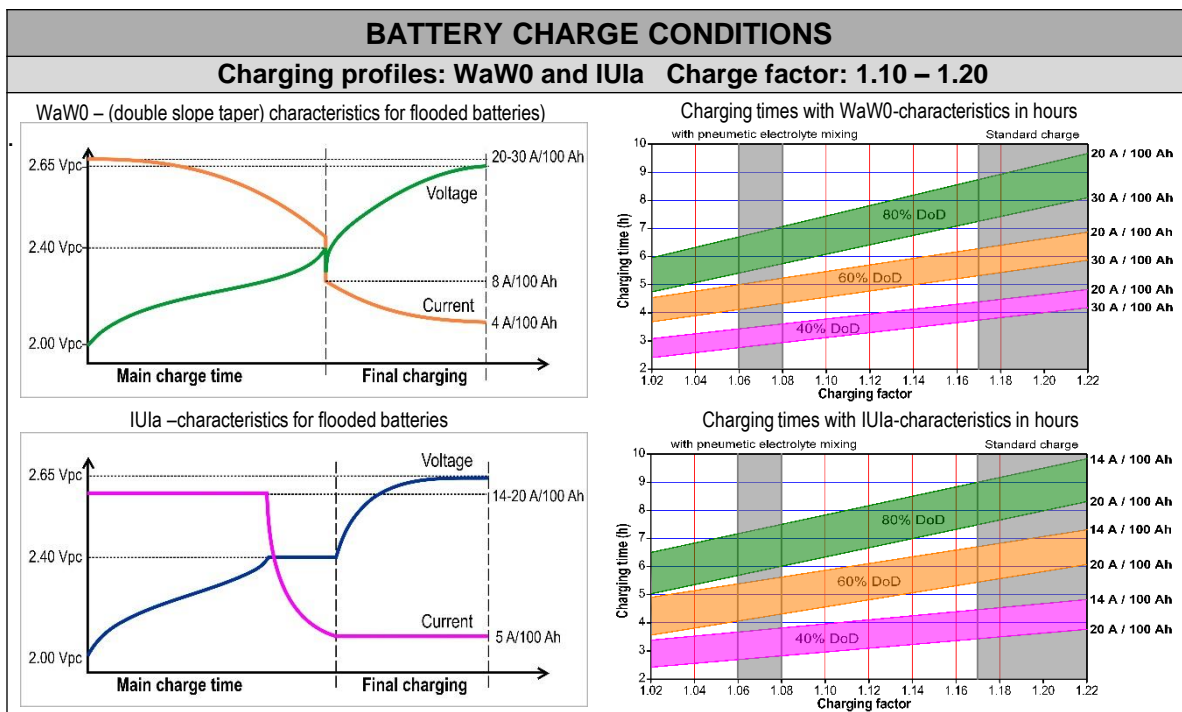


**Specifications:**

- Nominal voltage: 8 V
- Rated capacity: 175 Ah (at C<sub>20</sub> and 25 °C)
- Plate technology: Antimony / Antimony
- Separator: Polyethylene
- Electrolyte: Sulphuric acid (SG 1,25)
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Flat
- Terminal type: Dual
- Carrying Handles: Available
- Cycles at 50% DoD: up to 900 cycles
- PVES applications: up to 2000 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	5,10 V	5,25 V	5,40 V	5,25 V			
Discharge capacity	145 Ah	175 Ah	195 Ah	350 min			
Temperature correction factor of discharge C <sub>5</sub> (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.**