



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; analytical grade
- Standards: IEC 60254; IEC 61427
- Overall dimensions: 261 x 181 x 276
- Case / Lid material: Polypropylene
- Lid type: Flat
- Terminal type: Bolted
- Carrying Handles: Available
- Cycles at 75% DoD: up to 1000 cycles
- PVES applications: up to 2000 cycles
- Weight: 31,19 Kg (+/-1.5%)

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	6,80 V	6,95 V	7,10 V	6,95 V			
Discharge capacity	145 Ah	175 Ah	195 Ah	300 min / 125 Ah			
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

BATTERY CHARGE CONDITIONS

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

