



DEEP CYCLE

PROFESSIONAL

PHYSICAL CHARACTERISTICS

	SI Units	US Units
Length	311 mm	12,25 inch
Width	180 mm	7,09 inch
Height	356 mm	14,02 inch
Typical weight	48,47 kg	106,85 lbs

6V EU J305 DC-350 Ah (C₂₀)



Specifications:

- Nominal voltage: 6 V
- Rated capacity: 350 Ah (at C₂₀ and 25 °C)
- Plate technology: Antimony / Antimony
- Separator: Polyethylene + glass mat
- Electrolyte: Sulphuric acid (SG 1,25)
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Flat
- Terminal type: Conical
- 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 ₅ (5 h)	C ₂₀ (20 h)	C ₁₀₀ (100 h)	Capacity at 25 A
End of discharge voltage	5,10 V	5,25 V	5,40 V	5,25 V
Discharge capacity	287 Ah	350 Ah	385 Ah	790 min

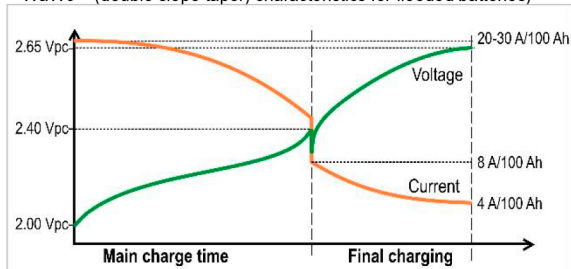
Temperature correction factor of discharge C₅ (5 h) capacity

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

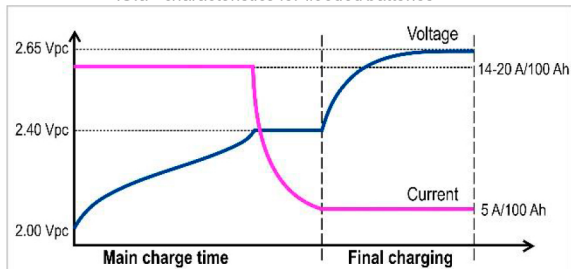
BATTERY CHARGE CONDITIONS

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

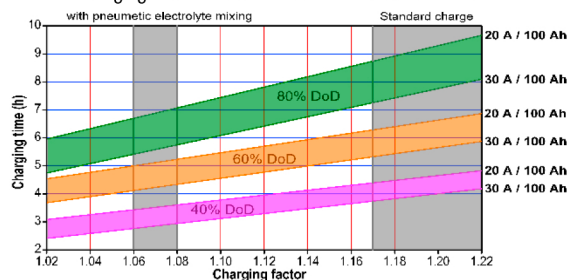
WaW0 – (double slope taper) characteristics for flooded batteries)



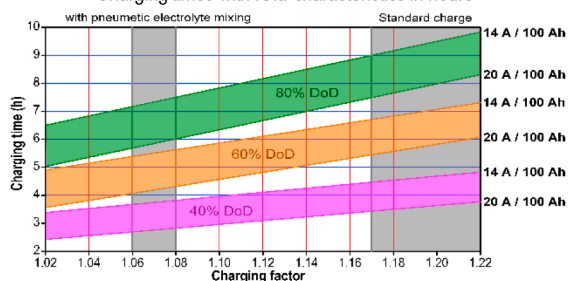
IU1a – characteristics for flooded batteries



Charging times with WaW0-characteristics in hours



Charging times with IU1a-characteristics in hours



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