6 V 330 Ah (C_{20}) Deep Cycle Flooded Battery

PHYSICAL CHARACTERISTICS		
	SI Units	**US Units**
Length	305 mm	12,01 inch
Width	180 mm	7,09 inch
Height	365 mm	14,37 inch
Typical weight	46,50 kg	102,51 lbs

Specifications:

- Nominal voltage: 6 V
- Rated capacity: 330 Ah (at C_{20} and 25 °C)
- Plate technology: Antimony / Antimony
- Separator: Polyethylene
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 60254; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: Flat
- Terminal type: Conical
- Carrying Handles: Available
- Cycles at 75% DoD: more than 1000
- PVES applications: more than 2000 cycles

Performance characteristics:

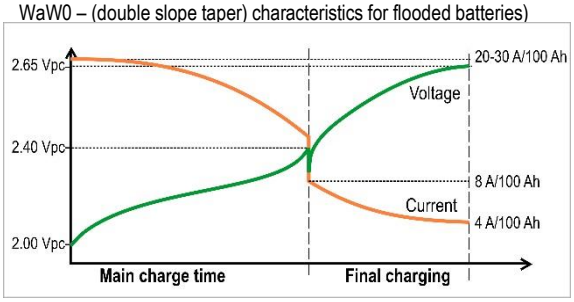
BATTERY DISCHARGE PERFORMANCE AT 25°C				
Discharge rate	**C_5 (5 h)**	**C_{20} (20 h)**	**C_{100} (100 h)**	**Capacity at 25 A**
End of discharge voltage	5,10 V	5,25 V	5,40 V	5,25 V
Discharge capacity	270 Ah	330 Ah	350 Ah	630 min / 263 Ah

Temperature correction factor of discharge C_5 (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

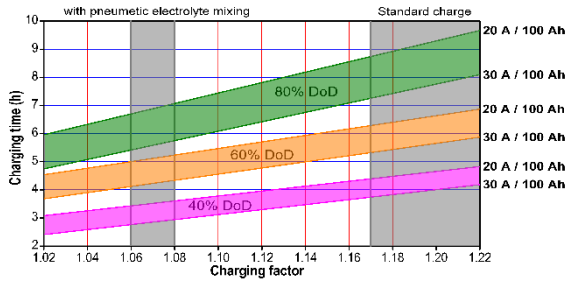
BATTERY CHARGE CONDITIONS

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

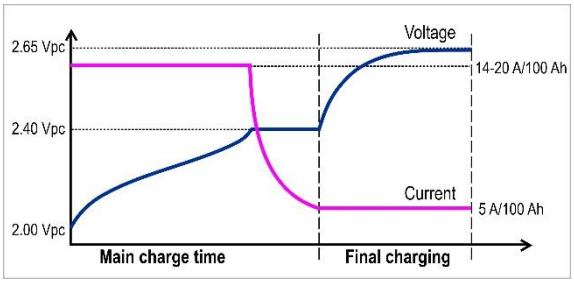
WaW0 – (double slope taper) characteristics for flooded batteries)



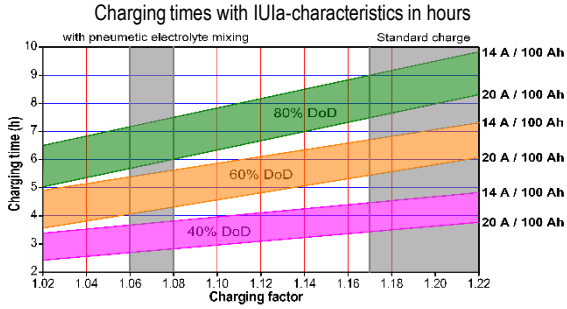
Charging times with WaW0-characteristics in hours



IUIa –characteristics for flooded batteries



Charging times with IUIa-characteristics in hours



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

MONBAT Plc, 32A, Cherni vrah Blvd., fl. 4, 1407 Sofia, Bulgaria, tel: +359 2 962 11 50, fax:+359 2 962 11 46, e-mail: monbat.trading@monbat.com