

# TECHNICAL DATA SHEET

9.575.1MF

## Applications



CYCLIC



SOLAR



MARINE

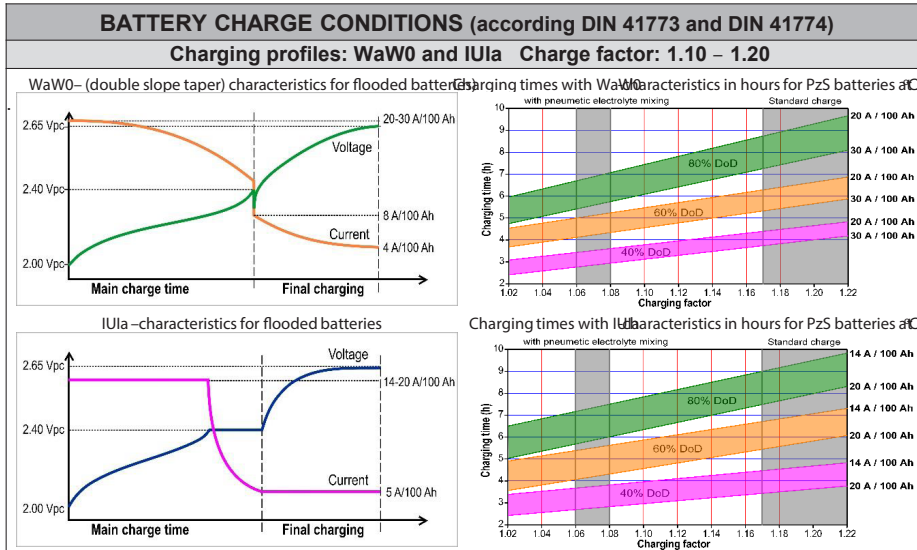
PHYSICAL CHARACTERISTICS		
	SI Units	US Units
Length	353 mm	13.9 inch
Width	175 mm	6.9 inch
Height	190 mm	7.5 inch
Typical weight	22.5 kg	49.5 lbs

### Specifications:

- Nominal voltage: 12 V
- Rated capacity: 75Ah (at C<sub>5</sub> and 30 °C)
- Plate technology: Antimony / Calcium
- Separator: Polyethylene + glass mat
- Electrolyte: Sulphuric acid; analytical grade
- Standards: IEC 60254; IEC 60095; IEC 61427
- Case / Lid material: Polypropylene
- Lid type: SMF
- Terminal type: Top / Automotive
- Carrying Handles: Available
- Cycles at 75% DoD: more than 400
- PVES applications: more than 800 cycles

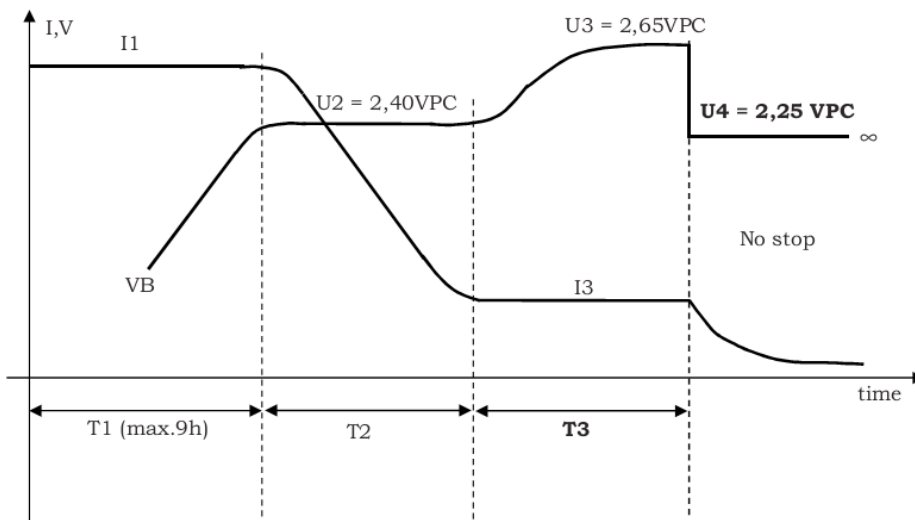
### Performance characteristics:

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	95 Ah	160 min / 66.7 Ah			
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



### Charging

Suggested Charging current      25A WA 20 IU1A  
 Operating Temperature            -20°C / 45°C  
 Storage Temperature               -20°C / 40°C  
 Cycle nr.                                600



Duur: T1 + T2:      De duur van de eerste twee fases is hoogstens 14u

Duur: T3:            De duur T3 is gelijk aan de duur van de hoofdlading, dat is  $t_3 = t_1 + t_2$ ,  
 maar met een minimum van 1 tot 4h

T1 + T2 [h]	< 1	2	3	4	> 4
T3 [h]	1	2	3	4	4