

UP-MP SERIES

UP-MP GC12

12V 125 Ah (C₂₀)

DEEP CYCLE BATTERIES



PHYSICAL CHARACTERISTICS

	SI Units	US Units
Length	345 mm	13,60 inch
Width	175 mm	6,90 inch
Height	285 mm	11,20 inch
Typical Weight	33,20 kg	73,20 lbs

SPECIFICATIONS

Nominal Voltage	12V	Case / Lid Material	Polypropylene
Rated Capacity	130 Ah (at C ₂₀ and 25°C)	Lid Type	Flat
Plate Technology	Antimony / Calcium	Terminal Type	Top / Automotive
Separator	Polyethylene + glass mat	Carrying Handles	Available
Electrolyte	Sulphuric acid; analytical grade	Cycles at 75% DoD	More than 400 cycles
Standards	IEC 60254; IEC 61427	PVES Applications	More than 800 cycles

PERFORMANCE CHARACTERISTICS

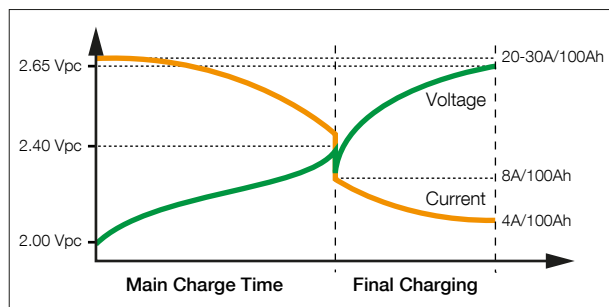
Battery Discharge Performance at 25°C															
Discharge Rate		C ₅ (5h)		C ₂₀ (20h)		C ₁₀₀ (100h)		Capacity at 25 A							
End of discharge voltage		10,20 V		10,50 V		10,80 V		10,50 V							
Discharge capacity		105 Ah		125 Ah		130 Ah		220 min / 92 Ah							
Temperature Correction Factor of Discharge C ₂₀ (20h) 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	



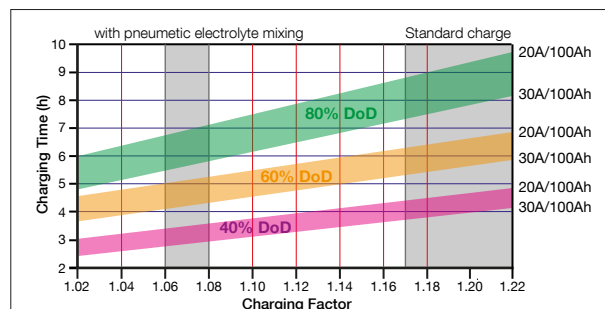
Battery Charge Conditions

Charging Profiles: WaW0 and IU1a Charge Factor: 1.10 - 1.20

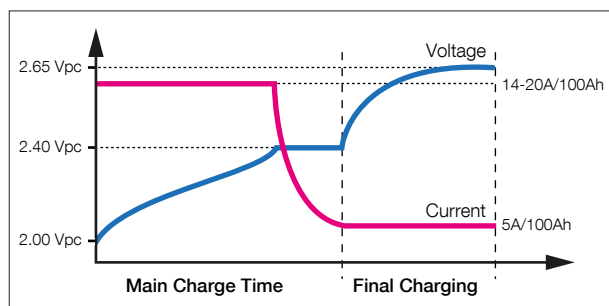
WaW0 – (double slope taper)
characteristics for flooded batteries



Charging times with WaW0 - characteristics in hours



IU1a – characteristics for flooded batteries



Charging times with IU1a - characteristics in hours

