

**UP-SP100**



**Product design features**

- AGM-technology, maintenance free product (SMF)
- Power Supply & Starting power suitable
- More than 500 cycles at 75% D.O.D.
- More than 1000 cycles IEC 61427
- High resistance to deep and repetitive discharge cycles
- Internal gas recombination efficiency 98% - 99%
- One-way valve regulated system with flame-arrestor
- Delivered ready for use at 100% of its nominal capacity
- Long Service Life

**Battery Layout**



**Other Specifications**

<b>Terminals</b>	Standard cone
<b>Handles</b>	Yes (2)
<b>QTY/PLT/Layer</b>	36/1/4

**Specifications**

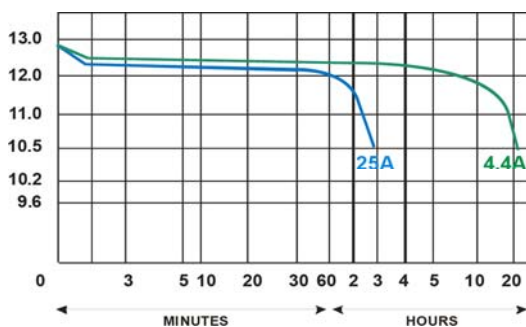
<b>Nominal Voltage</b>	12V	
<b>Capacity</b>	C1 (9.60V)	65 Ah
	C5 (10.20V)	80 Ah
	C10 (10.80V)	85 Ah
	C100 (10.80V)	100 Ah
	Cr (10.5V)	180 min
<b>Dimension</b>	Length	345 mm
	Width	175 mm
	Height	230 mm
<b>Weight</b>	28.3 kg	
<b>Box type</b>	C90	

**Charging type**

**Parameter / Limits**

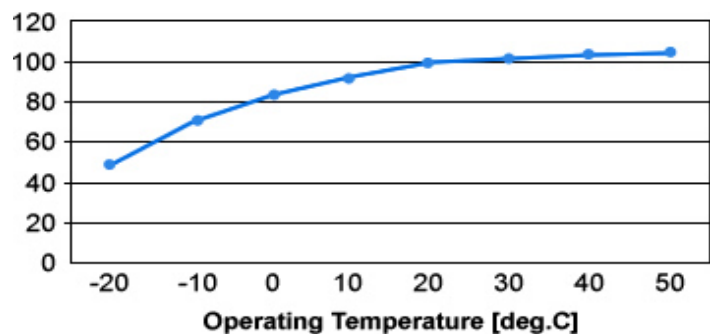
Charge with constant current	Current limit: 10 - 20 % from C10 capacity rate
Charge with constant voltage	Voltage limit: 14.1 - 15.0 V per block
Float Charge Voltage (cycling)	Float voltage: 13.62 V per block @ 20°
Temperature Correction Factor	0.018 V per block / °C

**25A and 20 hour discharge characteristics**



**Loading Voltage vs Discharge Time**

**Capacity vs Operating Temperature**



**Operating Temperature [deg.C]**