

**UP-SP160**



**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**



**Specifications**

<b>Nominal Voltage</b>	12V	
<b>Capacity</b>	C1 (9.60V)	85 Ah
	C5 (10.20V)	115 Ah
	C10 (10.80V)	130 Ah
	C100 (10.80V)	160 Ah
	Cr (10.5V)	260 min
<b>Dimension</b>	Length	513 mm
	Width	189 mm
	Height	223 mm
<b>Weight</b>	39.1 kg	
<b>Box type</b>	A	

**Other Specifications**

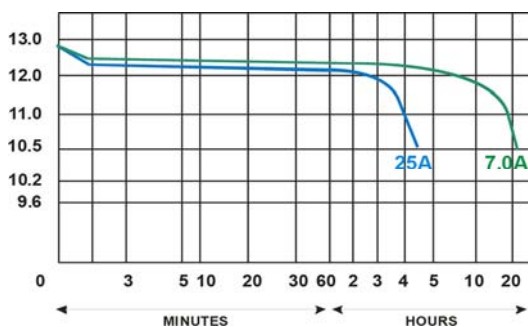
<b>Terminals</b>	Standard cone
<b>Handles</b>	Yes (2)
<b>QTY/PLT/Layer</b>	24/1/3

**Charging type**

**Parameter / Limits**

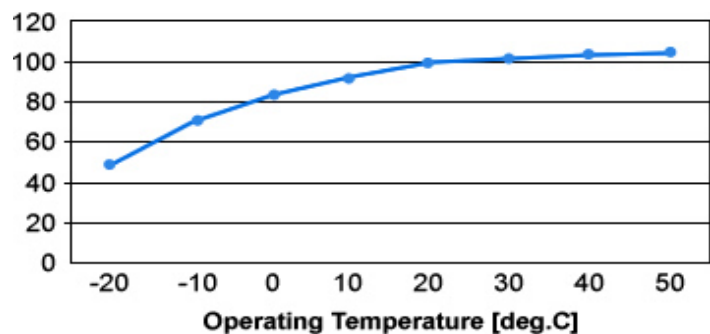
Charge with constant current	Current limit: 10 - 20 % from C10 capacity rate
Charge with constant voltage	Voltage limit: 14.1 - 15.0 V per block
Float Charge Voltage (cycling)	Float voltage: 13.62 V per block @ 20°
Temperature Correction Factor	0.018 V per block / °C

**25A and 20 hour discharge characteristics**



**Loading Voltage vs Discharge Time**

**Capacity vs Operating Temperature**



**Operating Temperature [deg.C]**