

UP-SP190



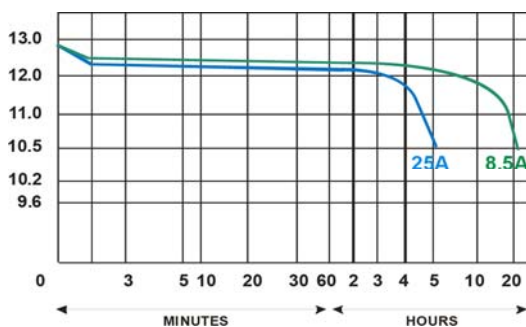
Battery Layout



Other Specifications

Terminals	Standard cone
Handles	Yes (2)
QTY/PLT/Layer	21/1/3

25A and 20 hour discharge characteristics



Loading Voltage vs Discharge Time

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

Specifications

Nominal Voltage	12V	
Capacity	C1 (9.60V)	100 Ah
	C5 (10.20V)	135 Ah
	C10 (10.80V)	150 Ah
	C100 (10.80V)	190 Ah
	Cr (10.5V)	300 min
Dimension	Length	513 mm
	Width	223 mm
	Height	223 mm
Weight	46.3 kg	
Box type	B	

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

Capacity vs Operating Temperature

