



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

Nominal Voltage	12V	
Capacity	C1 (9.60V)	65 Ah
	C5 (10.20V)	80 Ah
	C10 (10.80V)	83 Ah
	C100 (10.80V)	90 Ah
	Cr (10.5V)	175 min
Dimension	Length	353 mm
	Width	175 mm
	Height	190 mm
Weight	26.7 kg	
Box type	L5	

Other Specifications

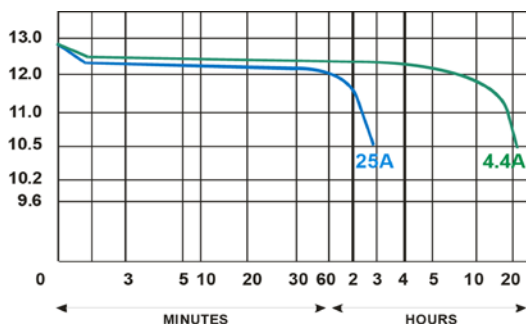
Terminals	Standard cone
Handles	Yes (2)
QTY/PLT/Layer	36/1/3

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

