

Product design features:

- Sealed, AGM-technology
- Balanced cyclic life and float life performance
- Wide range of operating temperature -15°C to +45°C
- One-way valve regulated system with flame-arrestor
- Internal gas recombination efficiency 98% - 99%
- Easy for installation, maintenance free product
- Delivered ready for use at 100% of its nominal capacity
- Non-hazardous cargo for ground, sea and air transport
- Fully recyclable product



Electrical Characteristics

Nominal voltage	12 Volts
Charging	Cyclic operation IU, WU: U = 14.40 – 14.80 V/bat. (20°C) Constant charging IU, WU: U = 13.50 – 13.80 V/bat. (20°C)
Shelf life	1 year
SAE	1750 Amps
Internal resistance	3.6 mOhm

Mechanical Characteristics

	SI Units	US Units
Length	518 mm	20.4 inches
Width	276 mm	10.9 inches
Height	242 mm	9.5 inches

MONBAT is proud to be certified for ISO 9001:2000,
ISO 14001:1996, OHSAS 18001:1999, AQAP 2110

Number of cycles: 400 at 75 % depth of
discharge according to EN 60254/1
(1997 EUROBAT)

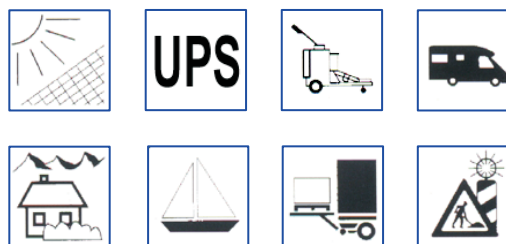


CUSTOMER ADVANTAGES:

- no acid leakage, no corrosion caused by acid fumes
- especially suitable for indoor applications
- flexible usage for versatile applications
- very high reliability
- Safe handling

TYPICAL APPLICATIONS:

- Solar, wind generation
- Industrial UPS
- Battery driven carts
- Monitoring and navigation
- Communications
- Leisure applications



Constant current discharge rates and capacity in Ah at 20°C

	5 h	10 h	20 h	100 h
Discharge current, A	115	30	18.5	2.2
Capacity, Ah	135	185	220	250

With high concern for environmental protection, MONBAT always manufactures batteries according to the latest acting standards with optimal utilization of all resources and materials. MONBAT takes back used batteries and warrants their recycling.