MOTOBALL

QuadFlex[™] Battery WWW.MOTOBATT.COM MBT9B4





Brass Terminals

(mm)





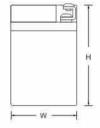


Terminal Screws: Stainless, M6 Thread Fastener: 4mm Allen Hex

Physical Dimensions: (in./mm)







L:5.91(150) W:2.76(70) H:4.13(105)

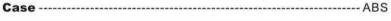
Tolerances are $\pm /0.04$ in. $(\pm /-1$ mm) and $\pm /-0.08$ in. $(\pm /-2$ mm) for height dimensions.

Features

- · Patented Quad Terminal Design Reduce carrying costs
- 12V VRLA Hi Capacity Starting Battery
- Absorbed Glass Mat (AGM) technology
- . Brass Terminals superior conductivity
- . US DOT, IATA certified non-spillable
- Highest AH Capacity in the Industry
- · Factory Activated-Ready to Install

Performance Specifications

Nominal '	Voltage	12 volts (6 cells)
Nominal	Capacity		
20-hr.	(0.45A to 10.50 volts)	9	.45 AH
10-hr.	(0.9A to 10.50 volts)		9.0AH
5-hr.	(1.8A to 10.20 volts)		
1C.	(9.0A to 9.6 volts)		
8C.	(72A to 6.00 volts)	3 Min (3	3.6AH)
Approximate Weight		7.76 lbs. (3	.52kg)
Energy D	ensity (20-hr. rate) 16.8	W-h/in ³ (102.8	W-h/I)
Specific	Energy (20-hr. rate)14.6	W-h/lb (32.2 W	V-h/kg)
Internal I	Resistance (approx)	26 mil	liohms
CCA (-0.4	°F/-18°C,7.2V,30S)	115 an	nperes
CA (68°F/2	20°C,7.2V,30S)	140 aı	mperes
Shelf Life	(% of nomomal capacityat 68°F (20°	C) SOC%	OCV
1 Months		97%	12.78V
	hs		12.7V
6 Mont	hs	83%	12.5V
Operatin	g Temperature Range		
Charge	ə	-20°C) to 122°F	(50°C)
Discha	rge40°F (-	-40°C) to 140°F	(60°C)
Casa			ADC



Carton Contents -----1-MotoBatt MBT9B4 Battery, 4 stainless steel terminal screws, 2 pairs of brass terminals, 4mm Allen Wrench, Install / user manual.





"C" TERMINAL







RETAIL CARTON

TERMINAL COVER

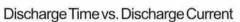
SCREW

WRENCH

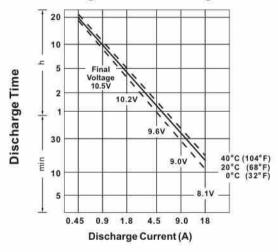
Shelf life & Storage Capacity Retention Ratio (%) Charging is not necessary unless 100% of capacity is required. 80 Charging before 5°C to help recover full capacity 60 Charge may fail to restore full capacity. Do not let batteries reach this state 20°C (68°F) 30°C (86°F) 40 0

12

18



Standing Period (Months)



Charging

0 2

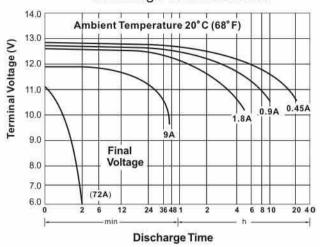
Cycle Applications: limit initial current to 2.7A. Charge until battery votage (under charge) reaches 14.8 to 15.0 volts at 68°F(20°C). Hold at 14.8 to 15.0 volts until current drops to under 180mA. Battery is fully charged under these conditions, and charger should be disconnected or switched to "float" voltage.

Note: Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation.

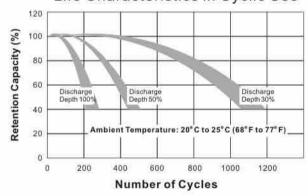
Chargers

MotoBatt offers a wide range of chargers suitable for batteries up to 4A. Please refer to the charger selection guide. Please contact our technical department for advice if you have difficulty in locating suitable models or contact us at www.motobatt.com

Discharge Characteristics



Life Characteristics in Cyclic Use



Can be used to replace

YT12BBS	YT12B4		
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Further Information

Please refer to our website www.motobatt.com to locate a distributor in your area.