

DATE:2016-01-09

Li-ion Rechargeable Battery Manual

Product : Li-ion battery pack

Product Specification: <u>48V 24Ah</u>

5C high performance 18650 cells

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Battery Manual

VER:A

DATE:2016-01-09

1. Preface

The manual only applies to 48V/24Ah Li-ion battery pack supplied by TONGYU TECHNOLOGY CO.,LTD. Customized for Monobuggy Golf Scooter.

2. BATTERY TYPE AND SIZE

2.1 Product: Li-ion battery Pack

2.2 Type : 48V 24Ah

2.3 Pictures

The material of the battery pack is Metal case (285 *150*115 mm);





Discharge connector: Anderson connector(50A)



Charge connector:





Battery Manual

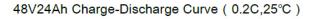
VER:A

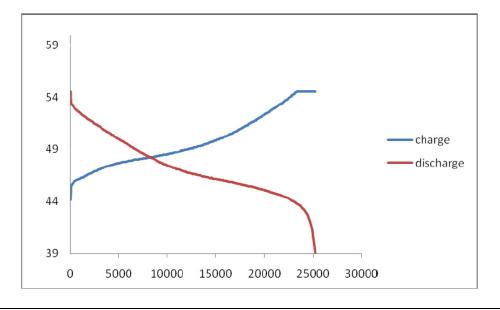
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3. Battery Pack Specification

Item		Specification	
Pack assembled mode		13S12P-18650	
Typical Capacity		24±1.0 Ah (0.2C,25℃)	
Normal discharge current		24A	
Max continuous discharge current		30A	
Discharge Ending Voltage		pprox 39 V	
Charge voltage		54.6 ±0.2 V	
Charge current		≪5 A	
Charge mode		CC/CV	
Inner resistance		≤100 m Ω	
Battery case material		metal	
Weight		8.6±0.1 kg	
Size(L*W*H)		285 *150*115 mm	
Operation temperature	charge	0 ~+45 ℃	
	discharge	-20~+60 ℃	
Humidity		RH≪50%	
Protection		Over charge protection, Over discharge protection, Over current protection, temperature protection, Balanced function	

4. Battery Charge/discharge Curve





5. Cautions

5.1 Please use the matching lithium battery charger (≤5A) for charging within 12 hours after use and do not charging more than 24 hours.

5.2 Please put the battery in a cool and dry place when it is not used for a long time in winter. The battery need to have a charging every two months, the voltage is maintained at 49 ~ 52V.

5.3 Prohibit the positive and negative of battery short-circuit, reverse polarity and disassemble the battery.

6. Product-Liability

We are not responsible for the incident caused by not obeying the manual. Before using the battery, you should read the specifications, usage instruction and some attentions carefully to learn its application method and areas. If the phenomenon such as error using method or wrong circuit connection or input power data, working index are inconsistent with the manual, cause damage to the battery, load and its accessories, we are not responsible for it.



Advarsel og Vejledning

VIGTIGT:

- Batteriet skal lades op indenfor 12 timer efter brug og man bør kun anvende den medfølgende 5A lader. Batteriet bør ikke være tilsluttet laderen i mere end højest 24 timer (optimalt vil være at frakoble laderen efter ca. 6 - 8 timers ladning) det forlænger batteriets levetid.
- 2. Batteriet bør opbevares tørt og frostfrit hvis det ikke anvendes i en længere periode. Batteriet skal oplades med ca. 2 måneders mellemrum således at det bevarer en spænding på 49 52V.
- Sørg for at isolere stromstikkene under ophevaring og transport, således at der ikke sker kortslutning.
- Et defekt batteri skal bortskaffes på forsvarlig vis. hvilket kun kan ske på den lokale genbrugsplads.

BEM/ERK: Batteriet er ikke omfattet af den garanti der gælder på golf scooteren.









Monobuggy