

Electrical toy car battery series 6FM6 (12V6Ah)

LONGWAY Brand toy car batteries are specially designed and developed for children's electric strollers, electric scooters and other toy cars. It uses special lead paste formula and Internalized formation production process to ensure that the battery has the advantages of long cycle life, low self-discharge rate and strong storage capacity. Products meet the requirements of IEC and DOE energy efficiency standards, pass UL, CE, RoHS certification, and can be shipped by sea or air.



General Feature	Applications
High reliability, safe without leakage, can be used in any position	Children's electric car with three-wheels
 Excellent recovery performance after deep discharge 	Children's electric cars
 Environmentally friendly products 	Children's drift cars
Meet EU battery directive RoHS and REACH standards	Children's electric karts
Maintenance free	Electric scooter
• Widely applicable temperature range, can be used at -20 $^\circ\!\mathrm{C}{\sim}60^\circ\!\mathrm{C}$	Electric balance car
 Long Storage time. Battery with full state of charge under room 	And other electric toys, electric tools etc

temperature, after 6-12 months storage, it can be used & recovered (It is recommended to recharge after storage for 6 months or before use)

Performance	
Nominal Valtaga	

Performance		Dimensions
Nominal Voltage	12V (6cell)	
Capacity	@25°C	
20hr Rate (0.30A)	6.60Ah @ to 1.75V/cell	94
3hr Rate (1.50A)	4.50Ah @ to 1.70V/cell	
27min Rate (6.00A)	3.15Ah @ to 1.60V/cell	
Weight	Approx (1. 92 \pm 3%)kg (4.23lbs)	<u>r< 151</u>
Internal Resistance	Approx30.0m Ω fully charged @25 $^\circ\!\!\!\!C$	
Maximum Discharge Current	60A(3sec)	
Terminal	F1/F2	Lenght 151.0mm 5.94inch
Operating Temperature	Discharge:-20°C~60°C;Charge:0°C-50°C	Width 65.5mm 2.58inch
Range	Storage:-20°C~40°C	Height 94.0mm 3.70inch
Container Material	ABS(UL94 HB)/UL94-V0 Optional	Total height 100.0mm 3.94inch

Battery use

Cycle use

- 1.Limit the initial charging current to no more than 1.80A
- 2.Keep charging voltage at14.40-15.00V/unit, and continue charging at least 3 hours after the charging current reduces to 0.12A toensure full charge
- 3. The compensation coefficient of charging voltage and temperature is -5mv/cell / $^{\circ}$

Float use

- 1.Limit the initial charging current to no more than 1.80A
- 2. Keep charging voltage at 13.50-13.80V/unit. When the voltage reaches the constant voltage
- the current gradually decreases until the battery is fully charged and continues to charge
- 3. The compensation coefficient of charging voltage and temperature is -3mv/cell / $^{\circ}$



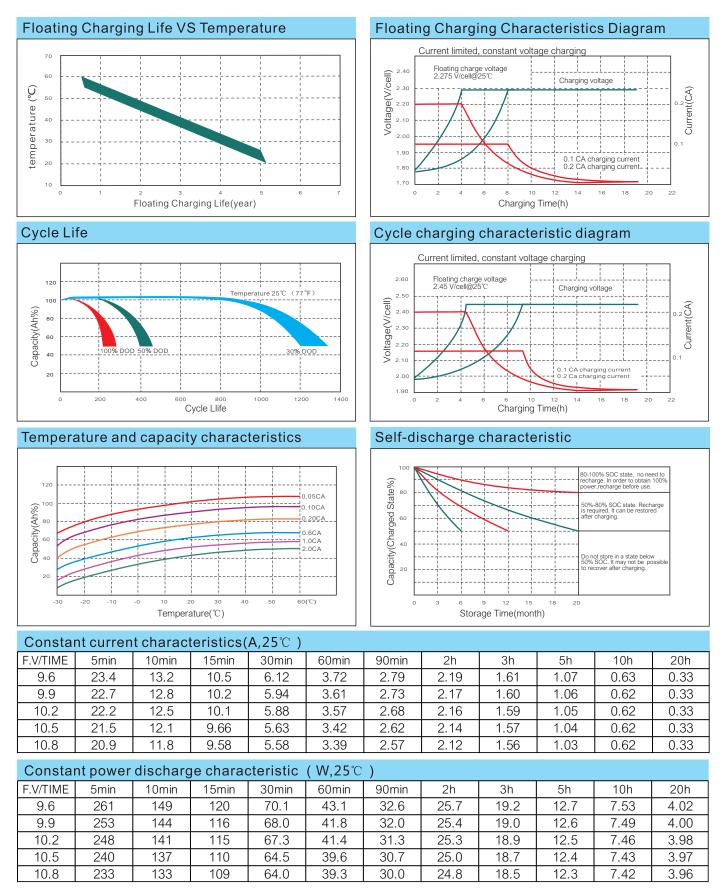
Kaiying Power Supply & Electrical Equip Co., Ltd Email: sales@longwaybattery.com Tel:0595-68782266 Fax:0595-68782222 Website: http://www.longwaybattery.com Add: Kaiying IndustrialArea, Chengxiang Town, Anxi, Quanzhou, Fujian Province, China KY-IOP-LW12-6 B0.May 2023

Note: This information usually describes use only and is not intended to make any warranties or promises regarding the battery, Battery specifications and battery design are subject to change without prior notice. Please contact LONGWAY Battery for the latest information.



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