

Electrical toy car battery series 12FM5 (24V5Ah)

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℃~60℃ 	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)

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Performance		Dimensions					
Nominal Voltage	24V (12cell)						
Capacity	@25°C						
20hr Rate (0.25A)	5.25Ah @ to 1.75V/cell	101					
3hr Rate (1.25A)	3.75Ah @ to 1.70V/cell						
27min Rate (7.00A)	2.80Ah @ to 1.60V/cell						
Weight	Approx (3. $11 \pm 3\%$)kg (6.86lbs)						
Internal Resistance	Approx49.2m Ω fully charged @25 °C						
Maximum Discharge Current	73A(3sec)						
Terminal	F2	Lenght 137.0mm 5.39inch					
Operating Temperature	Discharge:-20℃~60℃;Charge:0℃-50℃ Storage:-20℃~40℃	Width 91.0mm 3.58inch					
Range		Height 101.0mm 3.98inch					
Container Material	ABS(UL94 HB)/UL94-V0 Optional	Total height 107.0mm 4.21inch					
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Battery use

Cycle use

- 1.Limit the initial charging current to no more than 1.50A
- 2.Keep charging voltage at 28.80-30.00V/unit, and continue charging at least 3 hours after the charging current reduces to 0.10A to ensure full charge
- 3. The compensation coefficient of charging voltage and temperature is -5mv/cell /°C

Float use

- 1.Limit the initial charging current to no more than 1.50A
- 2. Keep charging voltage at 27.00-27.60V/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 / $^{\circ}$



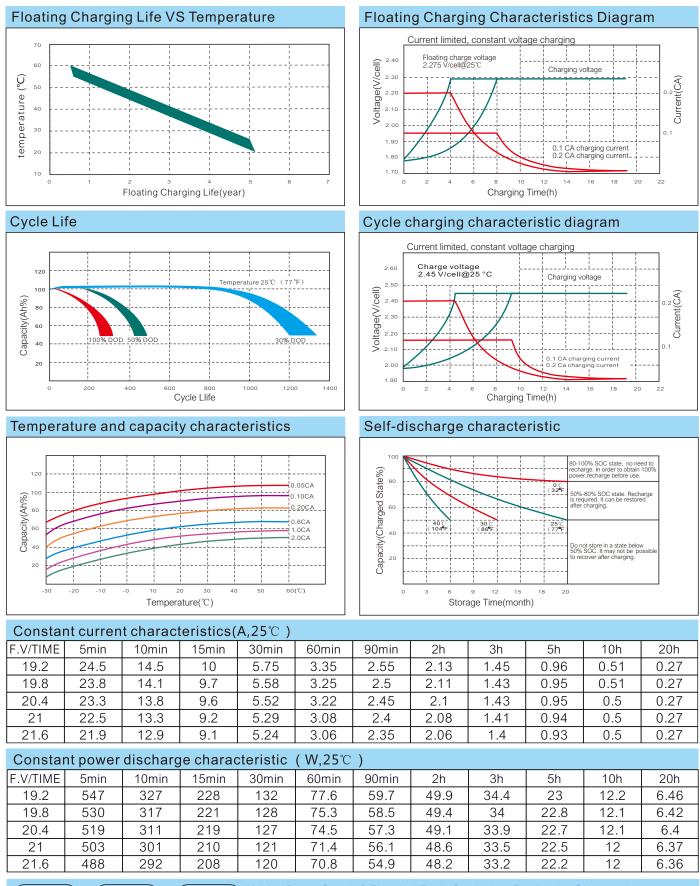
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Note: This information usually describes use only and is not intended to make any warranties or promises regarding the battery, Battery specifications and battery design are subject to change without prior notice. Please contact LONGWAY Battery for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



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