



## Jump-starter battery

### 6FM9 (12V9Ah)

LONGWAY Jump-starter batteries are used for emergency start power supply, which can cope with various emergency situations. The series of batteries adopts thin sheet multi-board design, and the special lead paste formula improves the instantaneous high current (100-1000A) capacity of the battery, which can meet the requirements of automobile start-up in emergency situations. The products are UL, CE, RoHS certified and can be shipped by sea and air.



Features	Application
<ul style="list-style-type: none"> <li>·No free acid (Non-spillable battery)</li> <li>·Heavy Duty Grids</li> <li>·Long Service Life</li> <li>·The battery is designed for high current discharge</li> <li>·Maintenance free (no water topping-up required)</li> <li>·Can be used in any orientation (excluding used)</li> <li>·Low Self Discharge</li> </ul>	<ul style="list-style-type: none"> <li>·Jumpstarter</li> <li>·lawn mower start</li> <li>·car backup ignition</li> <li>·Generator start-up</li> <li>·Outdoor backup starting, lighting</li> <li>·And other cold starting equip</li> </ul>

**General:** Design for standby power applications

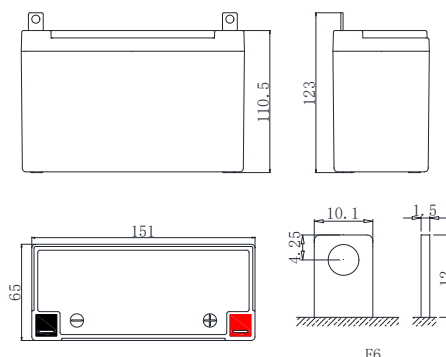
<b>Design Life:</b> Up to 5 years in standby service at	<b>Float Charging Voltage:</b> 13.5~13.8 VDC/Unit at 25°C
<b>Operating Temperature Range:</b> Nominal operating temperature: Discharge: -15°C~50°C Charge: -15°C~40°C Storage: -15°C~40°C	<b>Equalization Charging Voltage:</b> 14.4~15.0 VDC/Unit at 25°C <b>Self Discharge:</b> Less than 10% after 90 days, can be stored up to 6 at 25°C; Fully recharge is required before usage



ISO9001: 2015  
ISO14001:2015  
ISO45001:2018

**Specifications:** Designed according with the IEC61056-1/2:2012

Nominal Voltage	12 V
Nominal Capacity	9.0Ah@20hr,25°C
Cold cranking Amp	180A (30sec) @ to 1.20Vper cell @-5°C
Weight	Approx. 2.75 ± 3% kg
Internal Resistance	Approx. 10.6mΩ @ full charged 25°C
Terminal	F6
Max. Discharge Current	250A (15sec) @ to 1.20Vper cell@25°C
Max. Charge Current	2.7A
Container Material	Standard: ABS (UL94-HB) Optional: Flame Retardant ABS(UL94-V0)



**Constant Current Discharge Characteristics (A, 25°C)**

F.V/TIME	5min	8min	10min	15min	20min	30min	60min	90min
9.60	446	332	264	222	174	134	74	53.5
9.90	439	327	258	222	170	131	74	52.9
10.2	432	321	249	213	162	128	71	51.6
10.5	419	311	242	209	161	125	69	51.3

**Starting Specification**

temperature	0°C	5°C	15°C	25°C	35°C	45°C
Cranking Amp	180	193	206	219	230	244
Time /FV 7.2V	≥30S	≥30S	≥30S	≥30S	≥30S	≥30S



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**NOTE:** This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Long Way for the latest information.