

NO: RB-004 **PRODUCT:** LD Robot Battery
DATE: September 2017 **TYPE:** Discontinuation Notice

LD Mobile Robot Battery 12072-000 Is Discontinued, Replace with Extended Charge Battery 18578-000

Discontinuation date: October 2017
Last Shipping date: January 2018

Affected Parts

Product discontinuation	Recommended replacement
12072-000	18578-000

Cautions on Applying Replacements

- Operation time extended from 13 to 15 hours
- Slightly longer recharge time from 3.5 to 4 hours.
- Status Indicator operation functionality has been expanded.

Detail of Differences

Characteristics

Item	Product discontinuation Model 12072-000	Recommended replacement Model 18578-000
Battery Power Capacity	60 Ah (Battery cell nominal)	72 Ah (Battery cell nominal)
Energy	1.5 KWh (Battery cell nominal)	1.84 KWh (Battery cell nominal)
Recharge Time	3.5 Hours	4 Hours
Run time	13 Hours	15 Hours
Battery Weight	17 Kg	19 Kg
Standard	IEC60950 IEC60101-1	UL2271 (planned)



Operation Methods

Item	Product discontinuation Model 12072-000	Recommended replacement Model 18578-000
Battery Indicators	<p>State of Charge (SoC) status While Powered up: LED shows bar graph of SoC in the event status button is pressed/held a few seconds/released.</p> <p>While on charger: LEDs are not lit.</p>	<p>State of Charge (SoC) status While Powered up: LED shows bar graph of SoC in the event status button is pressed/held a few seconds/released. The left-most LED keeps blinking to indicate power status ON while battery is powered.</p> <p>While on charger: LEDs always show SoC bar graph. Right-most LED blinks when battery pack balances. Once balancing is complete, all green LEDs will be lit.</p>

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.