

High Power Lithium-Ion Ultracapacitors

LR60144TP

1. Scope

LISHEN Ultracapacitors are 100% automatically manufactured and produced under the strict quality control and performance control to ensure long life, secure usage and very high performance. To be able to combine cells in systems, our products are automatically sorted under the strongest restrictions to optimise performance of cell blocks and systems as well as to reduce cost for electronic balancing systems.

2. Description and Model

LISHEN Ultracapacitors LR60144 TP can be used in special applications where high charge and discharge request is stated, such as NBPC, LED Lamp, LEV, mobile charger.

3. Specifications

Item	Specification
Nominal Capacity	16 Ah
Nominal Voltage	2.5 V
AC-impedance	≤ 1 mΩ
charge	
- Standard Charge Method	CC/CV
- Current	1 C
- Voltage	2.8 V
- End Current	0.32 A
- Maximum charge current	20 C
discharge	
- Standard Discharge Method	Constant Current (CC)
- Current	1 C
- End Voltage	1.5 V
- Maximum Discharge Current	50 C
Size	L: 144 mm, D: 60.3 mm
Cycle Life	15.000 cycles at 100% DoD
Weight	730 ± 10 g
Storage Temperature	-40°C ~ 65°C



This document represents typical data. Performance may vary depending on use conditions and application.

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