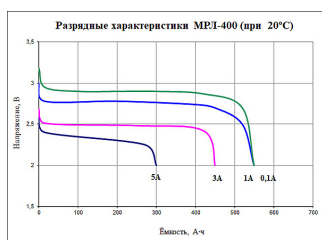
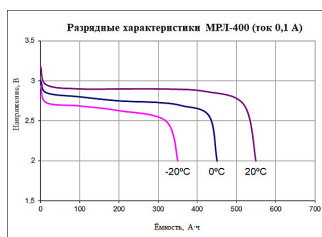
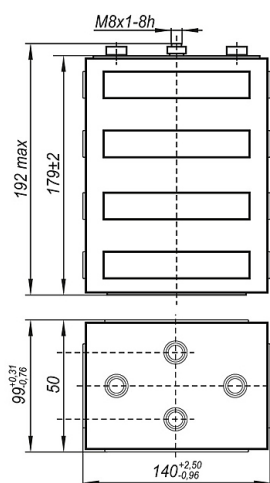




## MRL-400

## Application

Lithium current sources are primary current sources of constant readiness and are intended for power supply of security systems, alarm systems, maintenance-free navigation equipment (river, sea), stationary communications, as well as for autonomous (emergency) power supply in case of violation of regular power supply systems.



Parameter Name	Value
Voltage (V)	3.00
Rated capacity (A·h)	500.00
Final discharge voltage, not less than (V)	2.00
Maximum amperage (A)	5.00
Rated Discharge Current (A)	1.00
Maximum impulse discharge current at I.p.d(A)	10.00
Temperature range (°C)	-20..+50
Weight (kg)	5.80
Warranty period (years)	10

\* - up to 70% of the rated capacity with a current of 0.5 A at minus 30 °C

With serial and parallel connection of IT, it is necessary to ensure the electrical isolation of metal cases from each other. For parallel connection of IT, diode isolation must be provided (permissible value of the reverse current through the diode is not more than 0.1 mA). The manufacturer is ready to give recommendations on the scheme of connection and connection of IT to the load, as well as supply (under a separate contract) standard connecting jumpers with fuses.

Jumpers are available in two types:

- ЖФИР.685521.015 with center distance  $149 \pm 0,5$  мм;
- ЖФИР.685521.044 with center distance  $52 \pm 0,37$  мм; rated current 10 A.



During storage, transportation and operation of LIT it is strictly forbidden to conduct heating above 85 °C, charge, short-circuit, expose to open flame, discharge in modes not provided for in the technical conditions, deform and open, allow direct contact with water.



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