



**The LION CDU,
charge – discharge unit,
is a fully automatic service tool
for BRIX Li-Ion battery system
installation and service partners**

TECHNICAL DATA

LION CDU BRIX SERVICE CHARGER

The LION CDU is a service tool for authorized BRIX Battery Module partners only. The functionality is totally automatic, after connecting the LION CDU to the BRIX module by proprietary bus, the LION CDU will identify the BRIX module and after successful identification the LION CDU will balance the BRIX voltage to the set value.

Nominal AC Input Voltage	230VAC
Input Voltage Range	110 – 240VAC (50Hz & 60Hz)
Input Current (nominal)	2A
Maximum DC Output Power	120W
Output Voltage Range	2,5 – 4,5V (2500 – 4170mV)
Voltage Set Resolution	2mV
Output Current (Max)	30A
Discharge Current (fixed)	5A
Cooling	Fan
Dimensions and Weight	258mm (w) x 163mm (h) x 87mm (d); 1,6kg

Short Circuit Protection	YES
Reversed Polarity Protection	YES
Temperature Protection	YES
Over Voltage Redundancy	Max 4,2VDC output at any component failure
Standards:	
Safety	EN 60335-1:2002, EN 60335-2-29:2009
EMC	EN55022B
Protection class	IP21
Ambient temperature	+ 5°C ... + 45 °C
Approvals	CE

