



# LudoCharger Battery Charger range

- British designed, developed and built range of 12 advanced vehicle battery chargers.
- Specifically designed to meet the needs of the Emergency Services and Specialist Vehicle Builders
- Designed to manage the Parasitic loads to prevent overcharged batteries
- Built in Data Logging on all models
- Suitable for Traditional, AGM & Gel batteries
- Dual voltage mains input (110V or 230V)
- Quick and Easy install
- Alternative charging modes can be quickly accessed and changed in-situ if required
- Absolute parity with our other Battery Management products
- 24V Cell balance feature available
- 5 Year Warranty
- Vehicle mounted or wall mounted


## LudoCharger Data Logging

In addition to being the only British designed and manufactured Emergency Services vehicle battery charger, the LudoCharger is leading the field in delivering information about its status and charging patterns, allowing vehicle builders and fleets alike to easily identify complicated charge related battery faults.

Batteries are expensive, but usually robust. They should have long lives, even with the demands of an Emergency Services vehicle.

If yours do not, the LudoCharger is the asset you need to charge them properly and monitor them. It will log the following information:

- Battery voltage before charging commences
- Changes of voltage and current through the charging cycle
- Maximum temperatures
- No battery connected
- Mains connected while engine still running
- Battery error



### CANpower Programming Tool


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**LudoCharger 2 12V 30A**  
Serial No: 00297 System ID: 001

**Charger Information**  
Total Runtime: 237H 20M 32.0S Total Cycles: 24 Temperature: 24.00 C

**Output 1**

Status	Settings	Data Logging	Data Logging Graph	Calibration
Absorption Voltage:	13.25 V	Max Output Current:	30.00 A	
Float Voltage:	13.25 V	Float Current:	1.00 A	



**Output 2**

Status	Settings	Data Logging	Data Logging Graph	Calibration
Event_ID	Time_Stamp	Voltage	Current	Temperature
CHARGER CHARGING	00H 13M 50.0S	0	0	23
ABSORPTION CHARGING	00H 13M 52.0S	12.08	0	23
FLOAT CHARGING	00H 24M 02.0S	13.24	14.09	23
CHARGER POWER ON	02H 14M 04.5S	0	0	0
CHARGER CHARGING	02H 14M 06.0S	0	0	22
ABSORPTION CHARGING	02H 14M 08.0S	10.45	0	23
FLOAT CHARGING	02H 34M 38.0S	13.25	23.5	23
CHARGER POWER ON	32H 14M 23.0S	0	0	0
CHARGER CHARGING	32H 14M 24.5S	0	0	23
ABSORPTION CHARGING	32H 14M 26.5S	12.47	0	23
FLOAT CHARGING	32H 14M 36.5S	13.26	0.08	23

Save to CSV File...



# LudoCharger Battery Charger range

Advanced range of Intelligent Data Logging Battery Chargers specifically designed for the Emergency Services and Specialist Vehicles



**LudoCharger** range of 12 intelligent battery chargers are designed for the demanding environments endured by vehicles used in the Emergency Services and Specialist Vehicle applications.

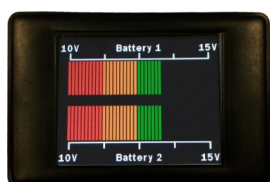
Available in 110V or 230V input, along with a special Dual Voltage 110V/230V input for dual voltage fleets.

With truly dedicated outputs, each battery is charged independently, this ensures correct charging with priority given to the flatter battery, this also allows charge voltage to be tailored to the battery chemistry if required.

Specific charging cycles ensure no battery gassing or overcharging is possible to ensure long battery life.

## Optional Charge Indicators

Can be surface mounted in cab or mounted on the battery charger.



Model	Outputs	Current	Data Logging	Warranty	Weight Kg	LxWxH
LUD-2014-12	2 x 12V	30A	Yes	5 Years	5.85	300x151x75
LUD-2014-24	2 x 24V	15A	Yes	5 Years	5.85	300x151x75
LUD-2015-12	1 x 12V	30A	Yes	5 Years	5.85	300x151x75
LUD-2015-24	1 x 24V	15A	Yes	5 Years	5.85	300x151x75
LUD-2016 *	1 x 24V & 1 x 12V	15A (24v) & 10A (12v)	Yes	5 Years	5.85	300x151x75
LUD-2017-12	2 x 12V	50A	Yes	5 Years	8.85	341x186x80
LUD-2017-24	2 x 24V	25A	Yes	5 Years	8.85	341x186x80
LUD-2018-12	1 x 12V	50A	Yes	5 Years	8.85	341x186x80
LUD-2018-24	1 x 24V	25A	Yes	5 Years	8.85	341x186x80
LUD-2019*	1 x 24V & 1 x 12V	25A (24v) & 15A (12v)	Yes	5 Years	8.85	341x186x80
LUD-2015-12-WALL	1 x 12V	30A Wall Mounted Battery Charger	Yes	5 Years	6.80	420x151x75
LUD-2015-24-WALL	1 x 24V	15A Wall Mounted Battery Charger	Yes	5 Years	6.80	420x151x75
SHOW01	1 x 12V	50A Car Showroom Charger option	Yes	5 Years	8.85	341x186x90

\*LUD-2016 & LUD-2019 are Fire Appliance specific battery chargers to provide both a 24V supply for the Chassis Battery along with a 12V supply for LPP/ Aux. battery