

5Ahr 12V Li Ion Battery Pack (RLACS112-F/L/M)



RACELOGIC offers external Lithium-Ion Battery Packs as an additional power supply for our data logging units.

A battery pack is especially useful if you cannot access the auxiliary power supply of your car or motorcycle, or if you want to avoid accidental data loss which can happen when the unit is power cycled before the data has been transmitted. When using a battery pack with IMU integration, for example, the IMU calibration does not have to be re-run if the ignition is being temporarily turned off between tests.



The battery packs come with different connectors and charging plugs (AU/EU/US/UK).

Features

- Effective power supply / backup
- Helps to avoid data loss
- 5 level LED indicator
- Quick charge (3 – 3.5 hrs max.)
- Includes battery charger
- Minimum 5hrs of use from a full charge*

*depending on the power draw of the VBOX unit in use

Specification

Description	Values
Cell	Lithium-ion cell
Battery Capacity	60Wh
Battery Output Voltage	DC 9V/12V
Battery Output Current	2A
Charge Time	3hrs (3.5 hrs maximum charge)
Cycle Life	More than 500 times
Charge Temperature	0°C to 40°C
Discharge Temperature	-20°C to 60°C (recommended -10°C to 50°C)
Storage Temperature	-10°C to 40°C (recommended -5°C to 35°C)
Battery Dimensions	157 x 76.4 x 22mm
Battery Weight	420g
Battery Gauge	5 level LED indicator
Battery Protection	Over-charge / over-discharge / excess current / short circuit

5Ahr 12V Li Ion Battery Pack

(RLACS112-F/H/L/M)



Package Contents

Battery Pack for all VBOX units and Video VBOX Pro (RLACS112L-AU/EU/UK/US)

Product Code	Description
RLACS112L	Universal rechargeable Li-ion battery and charger with 2Way Lemo Plug
ACS112MAN	Instruction Manual
MAINS L-8 AU/EU/UK/US	Mains lead (FIG 8 – AU/EU/UK/US plug) depending on country

Battery Pack for Video VBOX Waterproof (RLACS112H-AU/EU/UK/US)

Product Code	Description
RLACS112H	Universal rechargeable Li-ion battery and charger with Hirose Plug
ACS112MAN	Instruction Manual
MAINS L-8 AU/EU/UK/US	Mains lead (FIG 8 – AU/EU/UK/US plug) depending on country

Battery Pack for Video VBOX Lite (RLACS112M-AU/EU/UK/US)

Product Code	Description
RLACS112M	Universal rechargeable Li-ion battery and charger with Locking 2.1mm Plug
ACS112MAN	Instruction Manual
MAINS L-8 AU/EU/UK/US	Mains lead (FIG 8 – AU/EU/UK/US plug) depending on country

Battery Pack for VBOX Micro and Performance Box Sport (RLACS112F-AU/EU/UK/US)

Product Code	Description
RLACS112F	Universal rechargeable Li-ion battery and charger with 2Way Fischer Plug
ACS112MAN	Instruction Manual
MAINS L-8 AU/EU/UK/US	Mains lead (FIG 8 – AU/EU/UK/US plug) depending on country