



Order code: BC112V05BOB

Charge & Testing Battery Charger

Datasheet

Product description

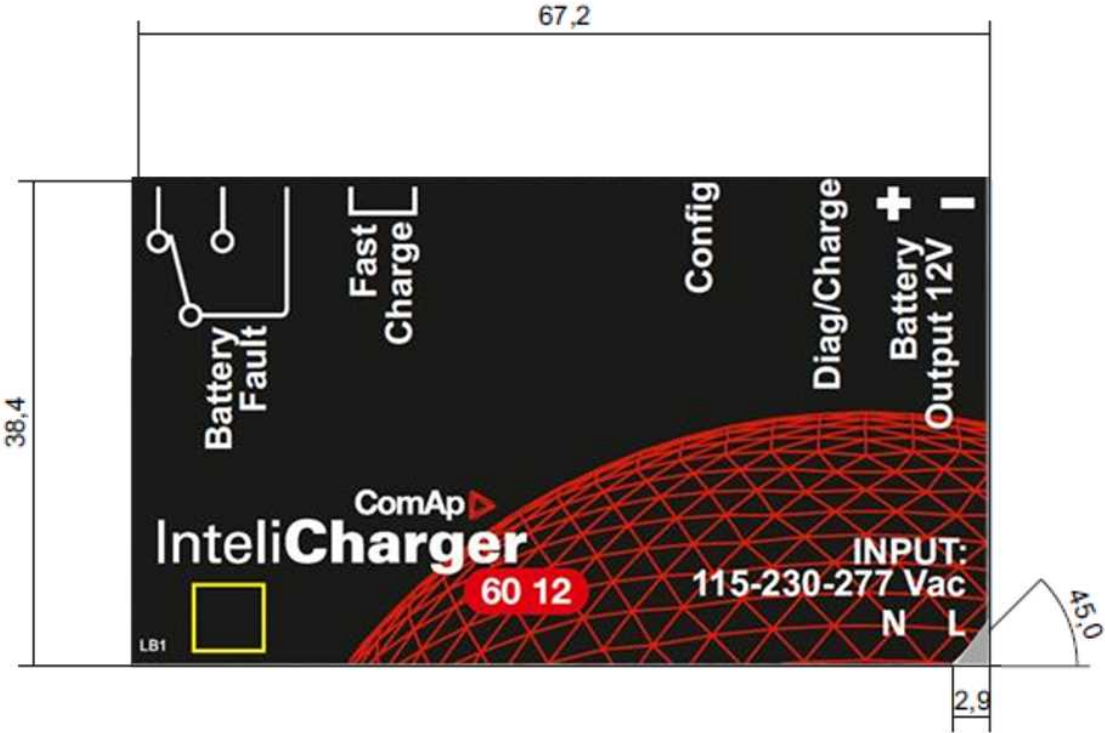
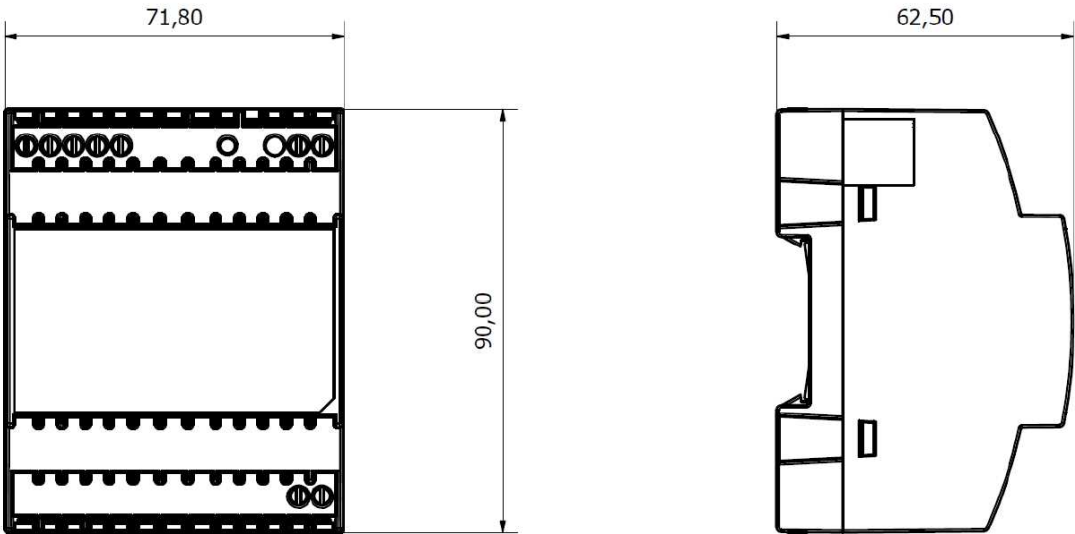
The InteliCharger 60 12 series is an advanced battery charger using "Switching technology" and "Battery care philosophy". Since years, parts of the core know-how at ComAp system led to the development of this multi-stage battery charging method, completely automatic and suited to meet the most advanced requirements of battery manufacturers.

Key features

- > Input: Single-phase 115 – 230 – 277 V AC.
- > Power Supply Function.
- > Suited for the following battery types: Open Lead Acid, AGM, GEL, Ni-Cd.
- > Battery Care: Automatic diagnosis, Battery status Charging curve IUoUo, constant voltage and current Switching technology Semi-resonant.
- > Charging type: Boost, Absorption, Float, Recovery.
- > Protected against short circuit, inverted polarity, disconnection of the battery.
- > Signal output terminal (free switch contact) for faulty battery state.
- > Protection degree IP20 – DIN rail.

Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information
Unique identifier: BC112V05BOB
Responsible Party:
10 N Martingale Rd #400
60173 - Schaumburg, IL
USA
Tel: +420 246 012 111
E-mail: info@comap-control.com
FCC Compliance Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Dimensions, terminals and mounting



Note: All dimensions are in mm.

Technical data

Input data

Nominal Input Voltage (2 x V AC)	115 – 230 – 277
Input Voltage range (V AC)	90 .. 305
Inrush Current (Vn and In Load) I ² t	≤ 16 A ≤ 5 ms
Frequency	47 .. 63 Hz ±6 %
Input Current (115 – 270 V AC)	1.2 .. 0.65 A (12 V 5 A version)
Internal Fuse	4 A
Internal Fuse (recommended)	10 A (MCB curve B)

Battery charger output

Fast Charge – Boost Charge	14.4 V DC (12 V 5A version)
Fast Charge – Boost Charge (Ni-Cd)	15 V DC (12 V 5A version)
Recovery Charge	3 ..8 V DC (12 V 5A version)
Charging Current Max I _{batt} < 30 °C (In)	5 A ± 5 %
Charging Current Max I _{batt} > 30 °C (In)	5..4 A ±5 % (12 V 5A version)


Climatic data

Ambient temperature (operation)	-25 .. +70 °C
De Rating Ta > 50 °C	-2.5 % (In) / °C
Ambient temperature Storage	-40 .. +85 °C
Humidity @ 25 °C no condensation	95% .. 25 °C
Cooling	Auto Convection
Auto Derating	Yes, above 30 °C

Dimensions

Dimensions (w × h × d)	72 × 90 × 61 mm
Weight	0.30 kg approx.
Protection Class	IP20

Certification

<ul style="list-style-type: none"> > IEC/EN 60335-2-29 > EN62368-1/UL1236 > Electrical safety 89/336/EEC > EMC Directive 2014/35/UE (Low Voltage) 	<ul style="list-style-type: none"> > DIN41773 (Charging cycle) > Emission: IEC 61000-6-3 > Immunity: IEC 61000-6-2.CE
	
<ul style="list-style-type: none"> > FCC 	

