CE-P

Power DC - Rectifier

BENEFITS

A universal reference : (open or sealed lead battery or manual setting, single or dual voltage).

DIN rail mounting: (Device integrated in the housing).

Plug-in connectors: (Pre-wiring).

Fault protection: (short circuit - reverse polarity - polarized connectors).

Integrated upstream/downstream protection: (easy wiring).

NFC 58-311 compliant: (Controlled off-gasing).

Exceptionally high input voltage: (305Vac).

Wide operating temperature range.

Screw mounting: (Multiple mounting options).

Functions that **improv battery life**.

Clear battery life time indication.

One product for 12V and 24V, or 30V and 48V.

Chloride® CE-P chargers are designed to charge 12 to 48 Vdc batteries from 7 to 150 Ah or to maintain the charge of higher capacity generator starter batteries.

They can also be integrated on a board, in an enclosure or in a panel to form a back-up power supply for monitoring, signalling or control circuits, or to supply power to systems that draw current (relays, motors, coils, solenoid valves, etc.). They can also be used as DC power supplies, 12, 24, 30 or 48 Vdc with an adjustable output voltage.

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Code	Reference	Voltage		Output current (A)	Signaling		
		Input (Vac)	Output (Vdc)		LED	Contact	58 311
6011054	CE-P 2.5 12	187 to 305 V 50/60Hz	12 V (10 - 15)	2.5 A	2	No	No
6011060	CE-P 08 12		12 V (10 - 15)	8 A	4	Yes	Yes
6007024	CE-P 05 12/24		12 V (10 - 15) 24 V (24 - 30)	5 A	4	Yes	Yes
6011062	CE-P 2.5 30/48		30 V (30 - 38) 48 V (48 - 60)	2.5 A	4	Yes	Yes

Functions	
Boost	For the commissioning of NiCd batteries and to accelerate the charging of the batteries, it is necessary to apply a higher voltage for a few hours. voltage for a few hours. The charger has a boost function that increases the charging voltage by 3.8%. It is activated by connecting two terminals of a connector with a Strap. The voltage automatically returns to the initial The voltage automatically returns to the initial voltage after 12 hours of boosting (manual return on 6011054).
Battery test	The test verifies that the battery is capable of powering the application and that the battery fuse is in order. The operator can perform a test at any time by connecting two terminals of a connector with a Strap. Function not available on 6011054.
Signalling	The status of the charger is indicated by a LED : • Chargeur in perfect condition : Led ON • Mains failure and Mains fuse failure : Led OFF Addional signalling (not available on 6011054) : Fault summary signalling contact • Minimum battery voltage : Ledflashes rapidly • Maximum charger voltage: Led flashes rapidly Charger stop in case of loss regulation to protect all connected equipment: • Battery test (on battery fault) : Led flashes rapidly
Option CF	IP31 enclosure with display: 300 x 333 x 203 mm (HLP)

General Features	
Input power supply	187 to 305 Vac - 47 to 63 Hz
Stability regulation	±1% cumulative change
Output current	± 5 %
Operating/storage temperature	-20 to +50 °C / - 45 to +85 °C
Relative humidity	< 95 % at 20 °C - Cooling: Natural convection
Insulation	Classe I
Protection	IP 20
Weight	0.5 kg
Dimension	155 x 112 x 65 mm

Standards	
Compliance	• Product: NF C 58-311 / NF EN 61204 (except 6011054) • ECM n°2004/108/CE • NF EN 61000-6-2 / NF EN 61000-6-4 • Complies to (LV Safety Compliance) n°2006/95/CE • NF EN 50178 - complies to SELV • Transformers comply to NF EN 61558-2-17

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