

Portable switch-mode battery chargers (from 24V to 110V and from 100A to 20A)

The CDSP range of chargers are perfectly adapted for battery maintenance:

- Portable
- Very light weight
- Easy installation and use
- High quality charging current
- Examples of use : battery boost, emergency corrective maintenance

The CDSP Range can also be used as DC portable power supply.

The charger is delivered with 2 meters input cable 3x2,5mm², and 3 meters output cable 2x10mm² (except for model 24V : 2x25mm²) stored in a compartment at the back of the charger.

To facilitate maneuverability, the charger can be mounted on a trolley. (option)



Standard range

Designation	Article	Output Voltage	Output Current
CDSP 24 / 100	SEEL011175	24Vdc (factory setting = 27,2V)	100A (3200W/36V)
CDSP 24 /100 2 step	SEEL011915	1st Step : Charge at constant current (100A) up to 28V 2nd Step : Charge at constant voltage - Floating = 27,2V	
CDSP 48 / 50	SEEL012522	48 Vdc (factory setting = 54,4 V)	50 A (3200W/72V)
CDSP 72 / 35	SEEL009861	72Vdc (factory setting = 87V)	35A (3200W/90V)
CDSP 72 / 35 2 step	SEEL011453	1st Step : Charge at constant current (35A) up to 84V 2nd Sep : Charge at constant voltage - Floating = 81V	
CDSP 96 / 20 2 step	SEEL011454	1st Step : Charge at constant current (20A) up to 112V 2nd Step : Charge at constant voltage - Floating = 108V	
CDSP 110 / 20	SEEL010850	110Vcc (factory setting = 122.6V)	20A (3200W/160V)
CDSP 110 /20 2 step	SEEL011192	1st Step : Charge at constant current (20A) up to 126V 2nd Step : Charge at constant voltage - Floating = 122.6V	
CDSP 24-72-110/20	SEEL012168	24, 72, 110 Vdc	20A (3200W/160V)
CDSP 12-24 / 100	SEEL 015044	12, 24Vdc	100A (3200W/36V)
CDSP 105-108-122.6 / 20	SEEL015320	105, 108, 122.6Vdc	20A (3200W/160V)

Technical Specifications

Input :

- 230 Vac \pm 10 % single phase
- Frequency : 47 to 63 Hz
- Max current consumption 16 A (standard plug)

Output :

- 24 Vdc, 48Vdc, 72Vdc, 96Vdc, 110Vdc
- Current electronically limited to nominal current
- Automatic charge functions
- Residual Ripple voltage <1%

Display & Control :

- Input circuit-breaker
- Pushbutton for emergency stop
- LED « mains presence »
- Analogic voltmeter «output voltage »
- Analogic ammeter «output current »
- Output voltage switch selection (certain models)

Protection :

- Input bipolar circuit-breaker.
- Protection against output overload
- Protection against short circuit
- Protection against output overvoltage
- Input/output galvanic isolation
- Thermal protection

Presentation :

- Portable metal case with composite handle on the top.
- When in use, the charger is posed on the ground on insulated supports
- Input cable = 2 meters, 3x2.5mm², plug not supplied.
- Output cable = 3 meters, 2x10mm² (except for model 24V: 2x25mm²).
- Storage of input and output cables in compartment at the back of the charger.
- Option: connection clips on output cable.
- Option: trolley mounted

Mechanical characteristics :

- Height : 655 mm
- Width : 279 mm
- Depth : 198 mm
- Weight : 12 Kg (excluding cables)
- Protection: IP23.

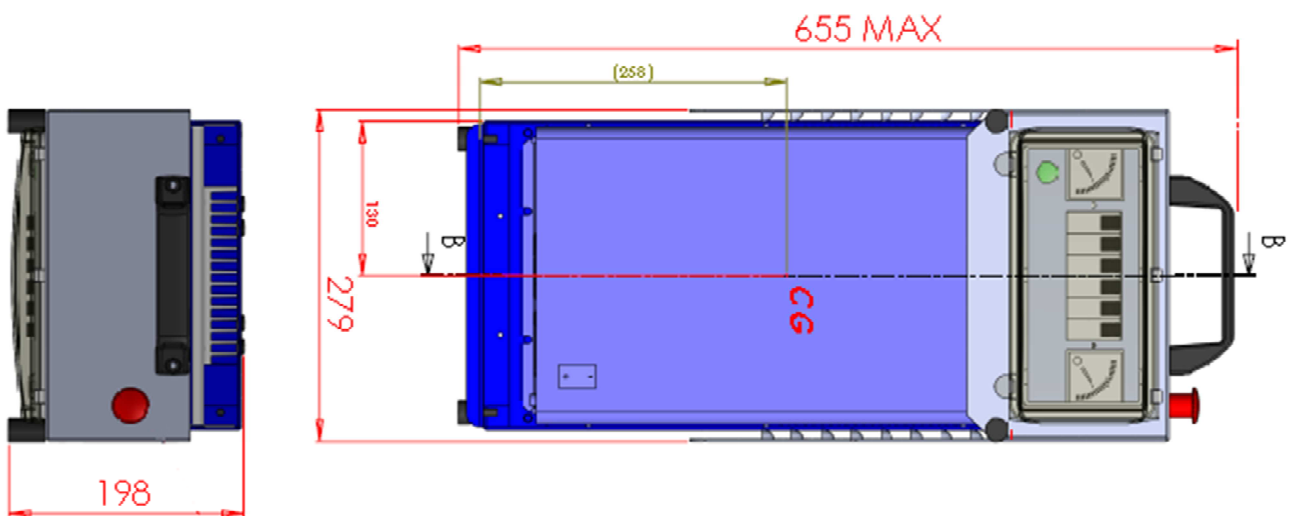
Environmental specifications :

- Usage temperature : -10°C to +45°C
- Storage temperature : -20 à 70°C
- Humidity : 95 % without condensation

Standard :

- CE Certificate

Dimensional characteristics



FC-CDSP-EN-E

The information contained in this leaflet is not of a contractual nature. ENAG reserves the right to amend the technical details of its products without advance notice.

ENAG S.A.S. - 31 Rue Marcel Paul - Z.I. Kerdroniou Est - 29000 Quimper – France

Tel : + 33 2 98 55 51 99 – Fax : + 33 2 98 55 51 67 - E-mail : contact@enag.fr – Site : www.enag.fr