



# zeroCO<sub>2</sub><sup>®</sup> sun charger

## 7.3 and 22 kW

### Wall box Single and three-phase sun charger

#### Features:

- Uses the same meter as the zeroCO<sub>2</sub> inverter;
- Overvoltage protection;
- Undervoltage protection;
- Overcurrent protection;
- Short circuit protection;
- Protection degree IP54;
- Free monitoring APP;
- Dynamic power consumption control (controllable by APP);
- Equipped with 5 m solid cable;
- Programmable (from APP);
- Dynamic charging (using the meter);
- Can also be used stand-alone (without inverter).



#### zeroCO<sub>2</sub> single phase

##### Dimensions:

Width: 170 mm  
Height: 400 mm  
Depth: 110 mm  
Weight: ≤5kg

#### zeroCO<sub>2</sub> three-phase

##### Dimensions:

Width: 170 mm  
Height: 400 mm  
Depth: 110 mm  
Weight: 5.9 kg



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Model	zeroCO <sub>2</sub> sun charger single phase	zeroCO <sub>2</sub> sun charger three phase
<b>TECHNICAL DATA</b>		
Charging interface type	Type 2/standard 3.5m	
Rated power [kW]	7.3	22
Input voltage range [Vac]	230±10%	230±10%
Rated frequency [Hz]	50/60	50/60
Output current range [A]	0-32	
Startup mode	Plug and charge / APP	
Installation mode	Wall mounted (Column mounted optional)	
<b>PROTECTION</b>		
Protection function	Overvoltage protection, undervoltage protection, overcurrent protection, short circuit protection, grounding protection and emergency stop protection	
Leakage current protection	30mA type A RCD external/ 6mA DC component internal	
<b>GENERAL DATA</b>		
Dimensions [WxHxD] [mm]	170x400x110	
Weight [kg]	≤5	5.9
Operation temperature range [°C]	-30 ~ 50	
Storage temperature [°C]	-40 ~ 70	
Working humidity	5%~95%RH	
Protection degree	IP54	
Noise [dB]	<65dB	
Altitude [m]	≤2000	
Status indication	3 LED colors	
Communication mode	Bluetooth/(WiFi/4G/Ethernet optional)	
Metering function	Optional	
Communication	RS485/CAN	
Safety/ EMC Standard	IEC-61851-1-2017/IEC-61851-21-2-2018	
Standard	CE	
Warranty [years]	2	

### Energy S.p.A.

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