



**zeroCO<sub>2</sub>**<sup>®</sup>  
eps box 1P/3P

# EPS BOX

## For the use of inverters in the event of a grid blackout

The **EPS Box**, in accordance with the provisions of the standard (cf. CEI 0-21 ed. 2019 par. 8.4.3), allows you to use the inverter for emergency services in the absence of the grid, allowing the loads to be powered both from the public network and the power production installation, avoiding parallel operation with the distributor network, through interlocked contactors.

The interlocking is made electrically and mechanically, in accordance with the provisions of the aforementioned standard. In order to ensure safety in island operation, the EPS box grounds the neutral during operation alone in the absence of a grid.



### Dimensions:

#### EPS BOX 1P

Width: 290 mm  
Height: 200 mm  
Depth: 115 mm  
Weight: 5 kg

#### EPS BOX 3P

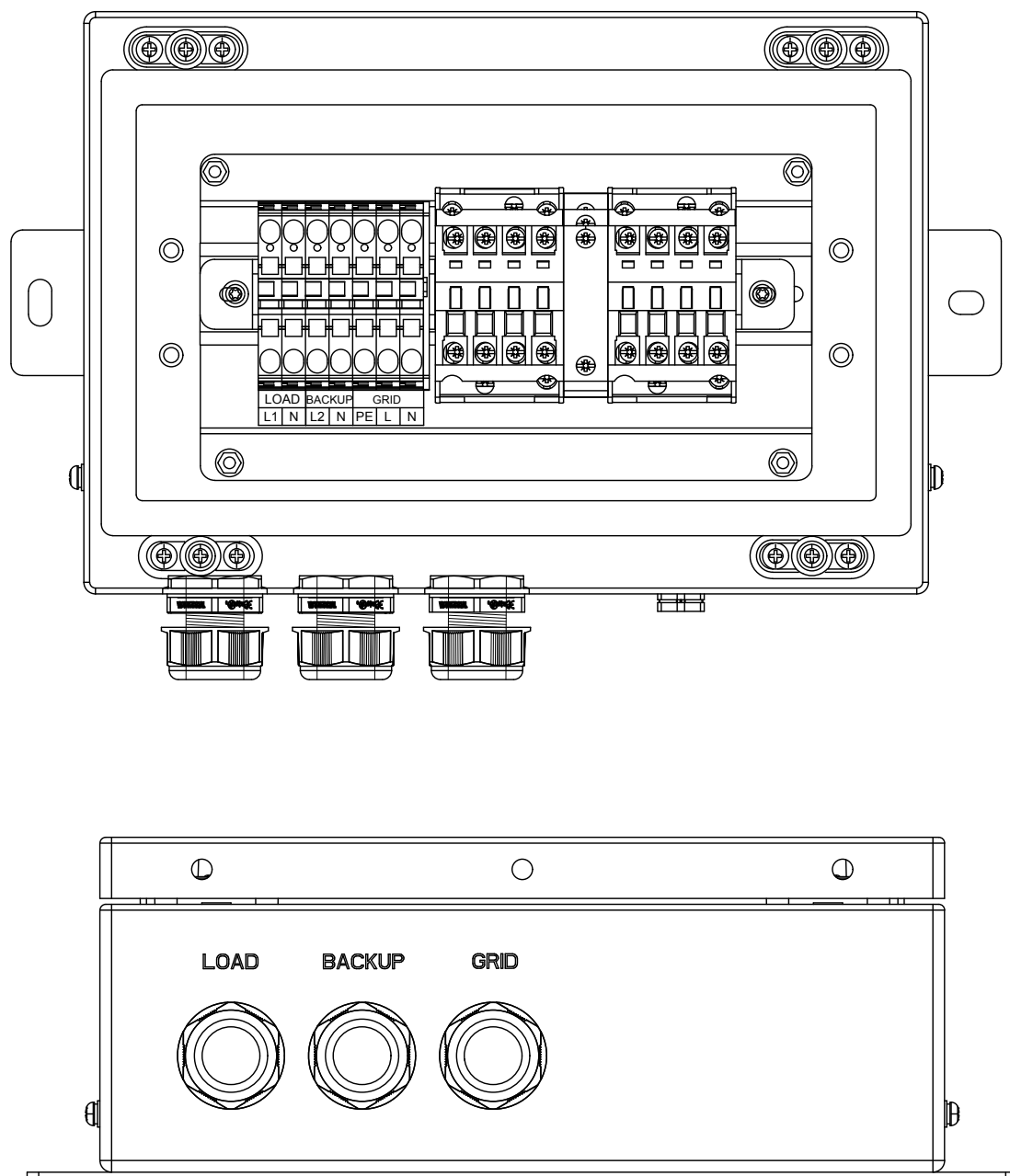
Width: 200 mm  
Height: 300 mm  
Depth: 155 mm  
Weight: 7 kg



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## Technical data:

Model	Eps Box 1P	Eps Box 3P
Rated grid voltage and frequency [V-Hz]	230 - 50/60	400 - 50/60
Max. operating current [A]	35	25
Operation temperature standard [°C]	-5 ~ +40	
Protection degree	IP65	
Installation	Wall mounted	
Safety	EN61439-1/2, EN60204-1	



EPS Box implements the synchronized ignition function of the inverters in OFF GRID

### Energy S.p.A.

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