

# EEI MPPT BOOST SERIES

## FOR A FLEXIBLE AND MODULAR SOLAR INTEGRATION

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EEI MPPT Boost is a string optimizer that integrates the function of MPPT and combiner box in a single component. Unique on the market, EEI MPPT Boost works at the string level and not at the module level. This feature makes it easy to install, economical and efficient. In traditional systems, the different behavior of the strings forces the inverter to work on a point of the V-I curve that optimizes only some of the strings. Every single string should be optimized to collect all the energy.

EEI MPPT Boost allows you to replace existing combiner boxes and in combination with EEI Master Solar Inverter, carry out an update of the photovoltaic system, significantly increasing production and reliability compared to old and inefficient standard central inverters.

MPPT Boost can also be used in combination with EEI Master Hybrid to create hybrid industrial and power plants. The DC coupling of the photovoltaic system with the storage system in fact allows a high efficiency of the system and an extreme flexibility of operation even for off-grid installations.

Other benefits:

- Reduction in the size of the DC cables by having constant output voltage
- Greater efficiency between booster and inverter
- Monitoring function of the working point
- Different panel technologies can be used in the same system





## MODEL

EEI MPPT 8 BOOST

### PV INPUT PARAMETERS

N° of inputs	4
N° of MPPT	4
Voltage range	300 ÷ 800 V
Max Current per input	20 A

### OUT PARAMETERS

N° of output	1
Output current	70 A @ 750 V
Rated output voltage	750 V
Disconnectin device	DC switch 1000V

### EFFICIENCY

Maximum	> 99%
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### GENERAL DATA

Dimensions (W / H / D)	450 x 550 x 260 mm
Weight	25 KG
Operating temperature range	-10°C ÷ +50°C
Cooling	Natural Cooling
Power supply	Self-powered
Protection degree	IP 54
Communication	RS485- WIFI (optional)

### PROTECTIONS

Input protection	Fuse on both positive and negative
Output protection	SPD

