

# Emaldo® Power Core

True *Core*.



Core is our all in one powerhouse, seamlessly combining advanced battery storage with integrated EV charging in a single elegant solution.

By bringing together the full storage capacity and inverter power of an Emaldo system with a built in EV charge point, Core is designed for customers who want simplicity, performance, and everything in one place.

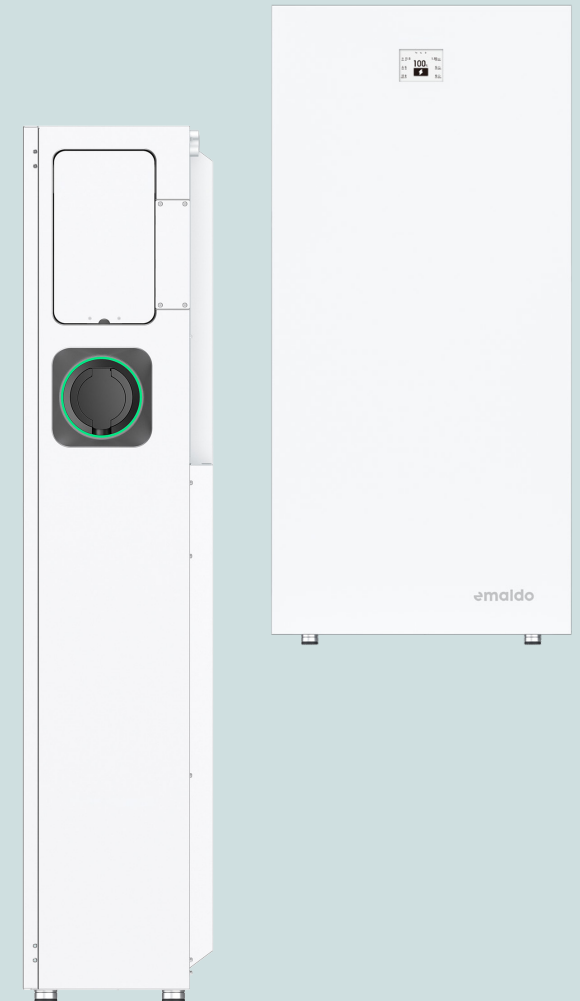
Perfect for homes with driveways and carports, Power Core delivers up to 10.8 kW of power. Combined with Emaldo's intelligent energy management and customer app, users can decide exactly when to power their home or charge their EV.

Core means true all in one convenience: one installation visit, no additional wiring, and no need for a separate EV charger.

Battery storage, inverter, solar connection, and EV charging, all integrated into one clean and compact cabinet. True Core.

- Compatible with existing PV systems
- Built-in Safety
- Effortless SlideOn Installation

Earn money through Emaldo®  
*Grid Rewards program.*



## Specifications

Battery boxes /slots	3
System operation temperature	-20°C~50°C
4G/Wifi/Bluetooth/LoRa	Yes /Yes /Yes /Yes
IP rating	IP54
<b>AC output (off grid)</b>	
Switch time	10ms
<b>AC output (on grid)</b>	
Max. efficiency	97%
<b>Battery</b>	
Battery type	LFP (LiFePO4)
Battery capacity expansion	143.36 kWh
<b>PV input</b>	
Max. input power	10800W
Max. input open-circuit voltage	550Vdc*3
Max. input current	14.5A*3

\*4000W\*3

## Warranty

### Product Warranty

10-Year Inverter Performance Guarantee.

Please note that newer solar panel models often have higher current ratings, while Power Core supports a maximum input current of 14.5 A, meaning not all solar panels are compatible with the system.

## Why choose Emaldo®

**All-in-One partner:** One provider for energy management, products and support.

**Smart installation:** SlideOn technology enables faster and more flexible installations.

**Installer tools & software:** Access the Emaldo® Power Suite for simple system management and monitoring.

**Sales & marketing support:** Branded materials, campaigns and lead generation support.

**Dedicated local support:** Technical assistance in local language via phone and email.

**Partner benefits:** Flexible onboarding, invoicing and shared Grid Rewards revenue.

**One connected ecosystem:** Hardware, software and services working seamlessly together.

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/home



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