



ENTELIGENT

Enteligent Hybrid DC Bi-Directional Fast EV Charger

The first DC fast charger powered directly by the sun

Charges 3X

faster than AC Level 2 EV chargers for a fraction of the cost of dedicated DC chargers

Recovers 13%

electricity lost from traditional EV charging

Bundles

with solar panel installation, natural upsell for solar installers

Bi-Directional

Use EV battery as backup power to households during grid blackouts

Outage-Proof

EV charging available independent of outages and blackouts

Residential & Commercial

versions available



Enteligent Hybrid DC Bi-Directional Fast EV Charger

CHARGING SPECIFICATIONS

Charging Mode	DC Fast Charging	
Maximum Rated DC Power Output to EV	24.6	kW
Output Voltage to EV	200 to 500	Vdc
Communication Interfaces	Wi-Fi, Ethernet, RS485, BLE, Cellular (optional)	
EV Connector	CCS Combo 1	
Cable Length	25 / 7.6	ft / m

DC POWER INPUTS

Maximum Simultaneous Power Input	15	kW
I. PV Modules (String)		
Voltage	250 to 450	Vdc
Power	15	kW
II. Storage Batteries		
Voltage	100 to 600	Vdc
Power	15	kW

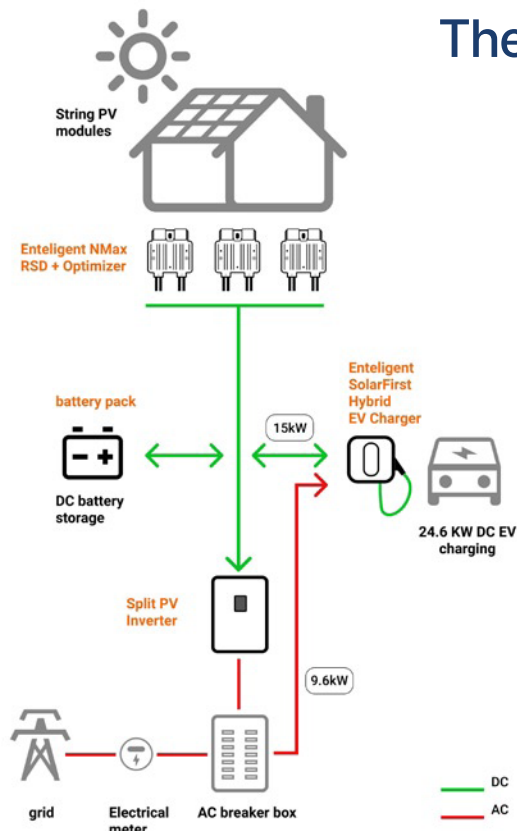
AC POWER INPUT

Voltage	120 to 264	Vac
Power	9.6	kW

BI-DIRECTIONAL DC OUTPUT

Voltage	400	Vdc
Maximum Power	25	kW

The Enteligent Difference



$$\begin{aligned}
 &15 \text{ kW} \\
 &+ \\
 &9.6 \text{ kW} \\
 &= 24.6 \text{ kW}
 \end{aligned}$$

DC direct from solar PV modules and/or from storage batteries

AC (240Vac @40amps) converted to DC

DC fast EV charging

X3 faster than AC Level 2 EV charging