

Powur's EV Charger Comparison Guide

Welcome to Powur's EV Charger product comparison guide designed to help you navigate the range of electric vehicle charging options offered by Powur. In this guide, we explore key differences between products and solutions for home EV charging.

 ENPHASE.

solar**edge**

wallbox 

SPAN



	Enphase EV Charger	SolarEdge EV Charger	Wallbox EV Charger	SPAN Drive EV Charger	EV Charger Outlet
	 ENPHASE.	 solar edge	 wallbox 	 SPAN [®]	EV Charger Outlet
Model Number	Enphase (IQ-EVSE-NA-1050-0100-0100)	SolarEdge EV Charger (SE-EV-SA-KIT-LJ40P)	Pulsar Plus (PUP-U-1-6-0-002-A)	SPAN Drive (SPAN 1-01400)	-
Hard-Wire Installation	X	X	X	X	-
Plug-In Installation Available	-	X	X	-	-
Inverter Requirements	Level 2	Level 2	Level 2	Level 2	Level 2*
Main Panel Requirements	Enphase Inverter	SolarEdge SmartHub**	All Grid-Tied Inverters	All Grid-Tied Inverters	All Grid-Tied Inverters
Round Trip Efficiency	-	-	-	SPAN Panel Required	-
Electrical Specifications					
Maximum Continuous Output Current at 240 VAC	40A	40A	48A	48A	40A
Overcurrent Protective Device (OCPD)	50A	50A	60A	60A	50A
Output Cable Type	SAE J1772	SAE J1772	SAE J1772	SAE J1772	SAE J1772
Output Cable Length	25 ft.	25 ft.	25 ft.	20 ft.	-
Outlet Type	-	-	-	-	NEMA 14-50
Mechanical Data					
Enclosure dimensions	19.7*8.9*5.3 in.	12*7.3*6 in.	7.8*7.9*3.9 in.	17.9*5.9*3.1 in.	-
Weight	14.5 lbs.	12.5 lbs.	4.4lbs	16 lbs.	-
Wall Mounted	X	X	X	X	-
Pedestal Mounted	-	-	-	-	-
Other Specifications					
Environment Rating	Indoor/Outdoor Rated	Indoor/Outdoor Rated	Indoor/Outdoor Rated	Indoor/Outdoor Rated	Indoor/Outdoor Rated
Enclosure Rating	NEMA 4	NEMA 3R	NEMA 4	NEMA 3R	NEMA 14-50
Operating Temperature	-22°F to 122°F	-22°F to 122°F	-22°F to 104°F	-22°F to 122°F	-
Warranty	5 years	5 years	3 years	3 years	-
Solo Proposal Location	Adder	Adder	Adder	Adder	Adder
Vision Proposal Location	Equipment	Equipment	Equipment	Adder	Adder

*Installation of a 50A EV outlet compatible with any level 2 charger.

*8Boost Kit required for non-EnergyHub retrofits