

WALLBOX EV CHARGER SAE J1772 TYPE 1 SPECIFICATIONS



Communication Interface

OCPP 1.6J, Bluetooth, WIFI, Ethernet, 4G, RFID meeting differentiated need.



OCPP



Ethernet



WIFI



4G



Bluetooth



RFID



Specifications

Basic Information	» Product Code:	HY070W2-T1	HY090W2-T1	HY110W2-T1
	» Input Voltage:	AC100 ~ 240V	AC100 ~ 240V	AC100 ~ 240V
	» Rated Current:	8~32A	8~40A	8~48A
	» Rated Power:	7KW	9KW	11KW
Product Specification	» Charging Type:	Level 2		
	» Charging Plug:	SAE J1772 (Type 1)		
	» Power Plug:	NEMA 14-50 Hardwire	NEMA 14-50 Hardwire	Hardwire
	» Charging Cable:	3 × 10AWG+18AWG	2 × 8AWG+10AWG +18AWG	2 × 8AWG+10AWG +18AWG
APP Control	» Start Charging and Stop Charging			
	» View Historical Charging Record			
	» Select a Charging Schedule			
	» Set Charging Current			
User Interface	» LED Indicator ; LED Display			
Communication Interface	» OCPP 1.6J; Bluetooth; WI-FI; Ethernet; 4G; RFID Card			
Smart Support	» Dynamics Load Balance; OCPP Communication with the third party platform			
Working Environment	» Working Temp.:	-22°F ~ +122°F (-31°F optional)		
	» Humidity:	5% ~ 95% Non-Condensing		
	» IP Rate:	IP 65		
	» Work Altitude:	<2000m		
Material Performance	» Shell:	Thermoplastic; Flame Retardant Grade UL94V-0		
	» Charging Plug Pin:	Pure Copper Silver Plated		
	» Charging Cable:	Halogen Free; Pure Copper Core with TPE Cable Jacket		
	» Mechanical Life:	>10,000 Times		
Electrical Protection	» Over current protection; Residual current protection; Ground protection			
	» Surge protection; Over/Under voltage protection; Over / Under frequency protection			
	» Over temp protection; Leakage protection			
Dimension & Package	» Control Box Size:	L7.87" × W7.87" × H2.56"		
	» Cable Length:	15ft / Customized		
	» Inner Box:	L16.14" × W11.02" × H7.09"		
	» Outer Carton:	L22.83" × W16.93" × H14.96"		



Advantages

Intelligent

- Come with Bluetooth, Wi-Fi, Ethernet;
- Charge Management by APP;
- Support the expansion of a 4G Module;
- Support RS485 and External Smart Meter;
- Support OCPP 1.6 protocol;
- Dynamics Load Balance available.

Safety

- Residual current protection;
- Over voltage and Under voltage recover automatically;
- Second-Level Over current and Over Temperature Protection;
- Relay-Sticking Protection;
- PEN-Fault Protection (Optional).

Dimension & Packing

Product Code	HY070W2-T1
Control Box	L7.87" × W7.87" × H2.56"
Net Weight	7.92lbs
Inner Box	L16.14" × W11.02" × H7.09"
Outer Carton	L22.83" × W16.93" × H14.96"
Qty./Ctn.	4 pieces
Gross Weight	39.6lbs

Product Code	HY090W2-T1
Control Box	L7.87" × W7.87" × H2.56"
Net Weight	7.7lbs
Inner Box	L16.14" × W11.02" × H7.09"
Outer Carton	L22.83" × W16.93" × H14.96"
Qty./Ctn.	4 pieces
Gross Weight	38.5lbs

Product Code	HY110W2-T1
Control Box	L7.87" × W7.87" × H2.56"
Net Weight	10.1lbs
Inner Box	L16.14" × W11.02" × H7.09"
Outer Carton	L22.83" × W16.93" × H14.96"
Qty./Ctn.	4 pieces
Gross Weight	48.4lbs

Charging Time Guide

The Charging Time Guide provides you with an estimated time to fully charge your Battery Electric Vehicle or Hybrid Vehicle. Charging times vary by the type of charging station, the vehicles on-board charger, and environmental conditions. These Charging times are approximate.

Battery Electric Vehicle	Useable Battery	HY110W2-T1(48A)	HY090W2-T1(40A)	HY070W2-T1(32A)
Tesla Model 3 Standard Plus	50.0kwh	4.55 Hours	5.55 Hours	7.14 Hours
Tesla Model Y Performance	72.5kwh	6.59 Hours	8.05 Hours	10.36 Hours
Ford Mustang Mach-E	70.0kwh	6.36 Hours	7.78 Hours	10.0 Hours
Volkswagen ID.4	77.0kwh	7.00 Hours	8.56 Hours	11.0 Hours
Nissan Leaf e+	56.0kwh	5.10 Hours	6.22 Hours	8.00 Hours
Audi e-tron / Sportback	86.5kwh	7.86 Hours	9.61 Hours	12.36 Hours
Hyundai Kona Electric	64.0kwh	5.80 Hours	7.11 Hours	9.14 Hours
Porsche Taycan	83.7kwh	7.60 Hours	9.30 Hours	11.96 Hours
BMW i3 120 Ah	37.9kwh	3.44 Hours	4.21 Hours	5.40 Hours

