

# WALLBOX EV CHARGER IEC 62196-2 TYPE 2 SPECIFICATIONS



# Communication Interface

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



OCPP



Ethernet



WIFI



4G



Bluetooth



RFID



## Specifications

<b>Basic Information</b>	» Product Code:	HY070W3-T2	HY110W3-T2	HY220W3-T2
	» Input Voltage:	230Vac±15%	380Vac±15%	380Vac±15%
	» Rated Current:	8~32A	8~16A	8~32A
	» Rated Power:	7KW	11KW	22KW
	» Power Supply:	1 Phase	3 Phase	3 Phase
<b>Product Specification</b>	» Charging Type:	Level 2		
	» Charging Plug:	IEC 62196-2 (Type 2)		
	» Power Plug:	CEE Blue-3 Pin Hardwire-3 Core	CEE Red-5 Pin Hardwire-5 Core	CEE Red-5 Pin Hardwire-5 Core
	» Charging Cable:	3×6.0mm <sup>2</sup> +0.5mm <sup>2</sup>	5×2.5mm <sup>2</sup> +0.5mm <sup>2</sup>	5×6.0mm <sup>2</sup> +0.5mm <sup>2</sup>
<b>APP Control</b>	» Start Charging and Stop Charging			
	» View Historical Charging Record			
	» Select a Charging Schedule			
	» Set Charging Current			
<b>User Interface</b>	» LED Indicator ; LCD Display			
<b>Communication Interface</b>	» OCPP 1.6J; Bluetooth; WI-FI; Ethernet; 4G; RFID Card			
<b>Smart Support</b>	» Dynamics Load Balance; OCPP Communication with the third party platform			
<b>Working Environment</b>	» Working Temp.:	-25°C ~ +55°C (-35°C optional)		
	» Humidity:	5% ~ 95% Non-Condensing		
	» IP Rate:	IP 65		
	» Work Altitude:	<2000m		
<b>Material Performance</b>	» Shell:	Thermoplastic; Flame Retardant Grade UL94V-0		
	» Charging Plug Pin:	Pure Copper Silver Plated		
	» Charging Cable:	Halogen Free; Pure Copper Core with TPU Cable Jacket		
	» Mechanical Life:	>10,000 Times		
<b>Electrical Protection</b>	» Over current protection; Residual current protection; Ground protection			
	» Surge protection; Over/Under voltage protection; Over / Under frequency protection			
	» Over temp protection; Leakage protection Type B (AC 30mA+DC 6mA)			
<b>Dimension &amp; Package</b>	» Control Box Size:	L285 × W245 × H88mm		
	» Cable Length:	4.5Meter / Customized		
	» Inner Box:	L447 × W337 × H185mm		
	» Outer Carton:	L690 × W460 × H390mm		



## Advantages

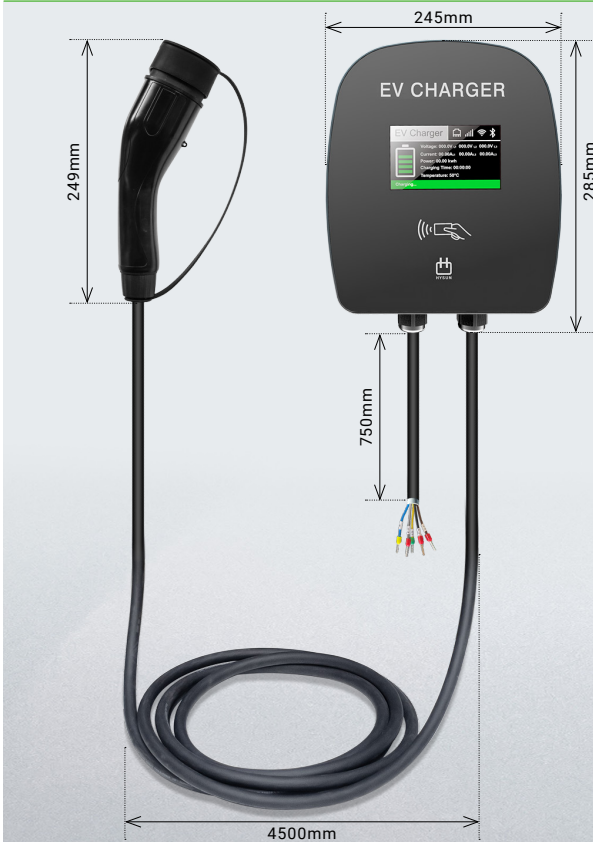
### Intelligent

- 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

- Type B (AC30mA + DC6mA) 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	HY070W3-T2
Control Box	L285 × W245 × H88mm
Net Weight	4.05kgs
Inner Box	L447 × W337 × H185mm
Outer Carton	L690 × W460 × H390mm
Qty./Ctn.	4 pieces
Gross Weight	17.25kgs

Product Code	HY110W3-T2
Control Box	L285 × W245 × H88mm
Net Weight	4.22kgs
Inner Box	L447 × W337 × H185mm
Outer Carton	L690 × W460 × H390mm
Qty./Ctn.	4 pieces
Gross Weight	17.85kgs

Product Code	HY220W3-T2
Control Box	L285 × W245 × H88mm
Net Weight	5.35kgs
Inner Box	L447 × W337 × H185mm
Outer Carton	L690 × W460 × H390mm
Qty./Ctn.	4 pieces
Gross Weight	22.45kgs

## 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	HY220W3-T2 32A-3 Phase	HY110W3-T2 16A-3 Phase	HY070W3-T2 32A-1 Phase
Tesla Model 3 Standard Plus	50.0kwh	2.27 Hours	4.55 Hours	7.14 Hours
Tesla Model Y Performance	72.5kwh	3.29 Hours	6.59 Hours	10.36 Hours
Ford Mustang Mach-E	70.0kwh	3.18 Hours	6.36 Hours	10.0 Hours
Volkswagen ID.4	77.0kwh	3.50 Hours	7.00 Hours	11.0 Hours
Nissan Leaf e+	56.0kwh	2.55 Hours	5.10 Hours	8.00 Hours
Audi e-tron / Sportback	86.5kwh	3.93 Hours	7.86 Hours	12.36 Hours
Hyundai Kona Electric	64.0kwh	2.90 Hours	5.80 Hours	9.14 Hours
Porsche Taycan	83.7kwh	3.80 Hours	7.60 Hours	11.96 Hours
BMW i3 120 Ah	37.9kwh	1.72 Hours	3.44 Hours	5.40 Hours

