

# WALLBOX EV CHARGER AC SOCKET OUTLET 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:	HY070W4-T2	HY110W4-T2	HY220W4-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		
	» Power Plug:	CEE Blue-3 Pin Hardwire-3 Core	CEE Red-5 Pin Hardwire-5 Core	CEE Red-5 Pin Hardwire-5 Core
<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			
<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		
	» AC Socket Outlets:	Pure Copper Silver Plated		
	» 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 × H138mm		
	» Input Cable:	0.75Meter / Customized		
	» Inner Box:	L450 × W340 × H170mm		
	» Outer Carton:	L700 × W465 × H360mm		



## Advantages

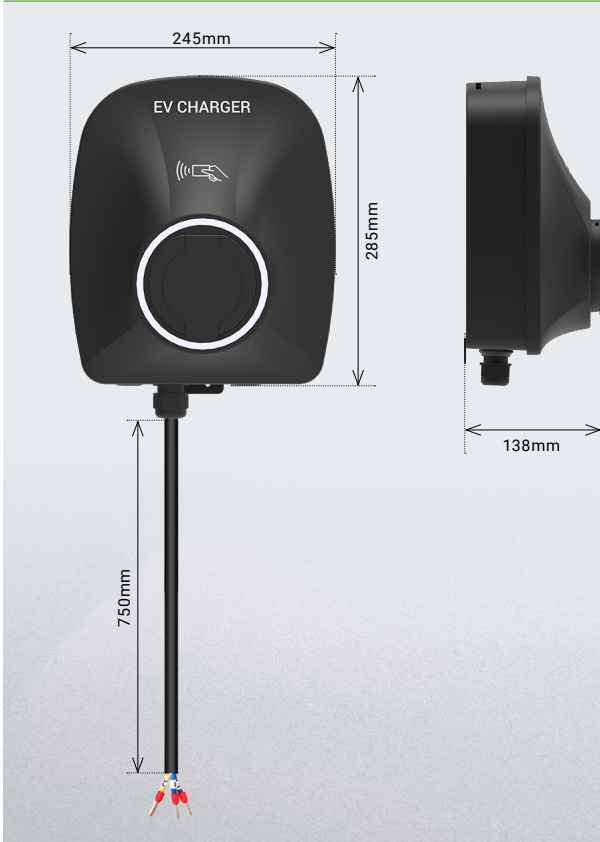
### Intelligent

- 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	HY070W4-T2
Control Box	L285 × W245 × H138mm
Net Weight	2.6kgs
Inner Box	L450 × W340 × H170mm
Outer Carton	L700 × W465 × H360mm
Qty./Ctn.	4 pieces
Gross Weight	15.2kgs

Product Code	HY110W4-T2
Control Box	L285 × W245 × H138mm
Net Weight	2.5kgs
Inner Box	L450 × W340 × H170mm
Outer Carton	L700 × W465 × H360mm
Qty./Ctn.	4 pieces
Gross Weight	14.8kgs

Product Code	HY220W4-T2
Control Box	L285 × W245 × H138mm
Net Weight	2.84kgs
Inner Box	L450 × W340 × H170mm
Outer Carton	L700 × W465 × H360mm
Qty./Ctn.	4 pieces
Gross Weight	16.2kgs

## 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	HY220W4-T2 32A-3 Phase	HY110W4-T2 16A-3 Phase	HY070W4-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

