PROFESSIONAL
EV CHARGER MANUFACTURER

Your One-Stop EV Charging Solution


Solder Paste Machine


SMT Machine


Reflow Soldering Machine


Special-Shaped Auto DIP Machine


Wave Soldering Machine


EV Charger Standard Test Machine


Aging Test Room


High & Low Temp. Test Chamber

ABOUT US

Part 1:Who We are?

Shenzhen Hysun Power Co., Limited specializes in professional EV chargers and solar inverter products. With a team of 10 dedicated engineers, each boasting an average of 5 years of experience in the field, Hysun delivers top-quality solutions. Our diverse product range includes DC EV chargers, Wall Box EV chargers, Portable EV chargers, and Solar Inverters.

We pride ourselves on our global reach, exporting our products to esteemed customers in North America, Europe, Australia, South-East Aisa and the Middle East. Our offerings adhere to stringent standards such as ETL, TUV, CE, and SAA.

Quality is paramount at Hysun. All our products come with a comprehensive 3-year warranty. To ensure reliability, we employ a range of testing machines including Full Cycle Function Test, Aging, High and Low Temperature, Glow Wire, and Waterproof testing etc.

Equipped with 50+ skilled workers, 5 production lines, 4 aging racks, and spanning over 4,000 square meters, Hysun boasts a robust monthly production capacity of up to 10,000 units.

Contact us today to discover how Hysun can meet your EV charging and solar inverter needs!

Part 2:What We do?

Our Mission

We deliver the highest quality products at a great value to our customers Who will make the right choice for their energy saving.

Our Vision

To be one of the most reliable Clean & Energy Saving provider and change the way of the world uses the energy. It is a long and hard process, But our team will focus on this great target and do the best!

Our Values

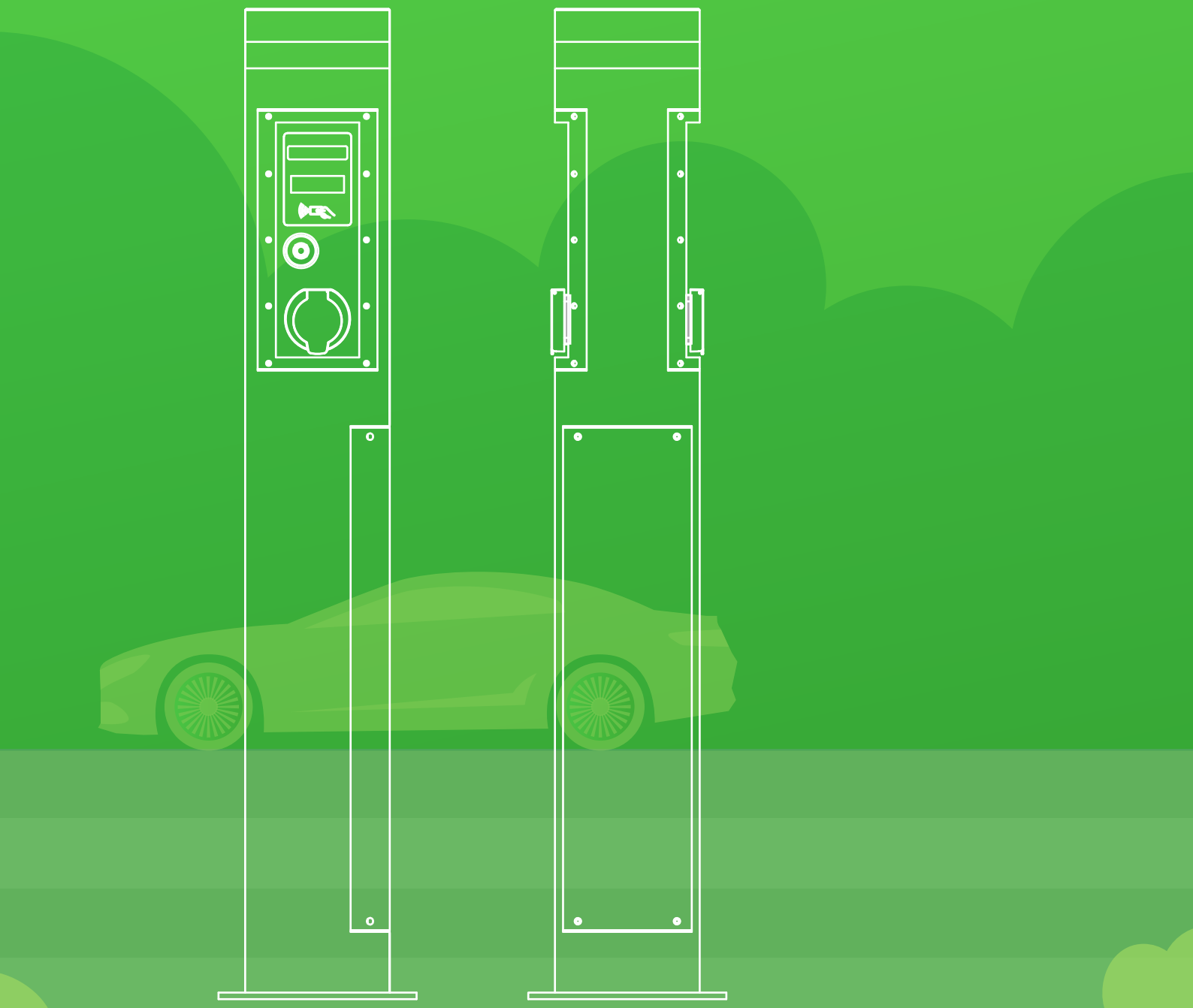
- **Factory Direct:** Order Directly from the Manufacturer and get the best price
- **Technology:** Professional and Rich Experiences Engineering team could solve your technical Challenge
- **Customization:** Competitive and Reasonable Price for OEM and ODM
- **High Quality:** Extremely high-quality Control standards are set to warrant our products to be free from defects in materials & workmanship
- **Customer Service:** 24/7 Online Consultation and One-Stop Service

Our Goals

Insist on innovation and quality to forging a 100% Clean & Energy Saving Future.

CONTENTS

01 ECOPILLAR
SMART LIFESTYLE EV CHARGER
SPECIFICATIONS



EcoPillar

EcoPillar is a revolutionary EV charging solution crafted for diverse environments. Engineered for adaptability, EcoPillar provides a customizable experience that seamlessly integrates with your lifestyle, ensuring a tailored and eco-conscious charging solution for your electric vehicle.

Retail | Hotels | Apartments | Carparks | Workplace

Features

1. Durable Design:
Crafted from extruded aluminum, EcoPillar boasts a robust and long-lasting body for extended durability.

2. Stylish and Contemporary:
With a sleek and modern appearance, EcoPillar seamlessly blends style with functionality.

3. Accessible Servicing:
Featuring a large cable termination area, EcoPillar ensures easy access for servicing and maintenance, simplifying upkeep.

4. Safety Illumination:
The high-quality lighting head not only adds a touch of safety but also illuminates the surrounding area for enhanced security.

5. Maximized Power Capacity:
Intelligent software optimally distributes the charge to each vehicle, maximizing power capacity for efficient charging.

6. Flexible Charging Methods:
Enjoy versatile charging with options like plug & charge, mobile app control, or RFID for user-friendly and adaptable usage.

7. Multiple Connectivity Options:
Stay connected with integrated Ethernet, WiFi, or 4G connectivity, providing multiple internet connection methods for added convenience.

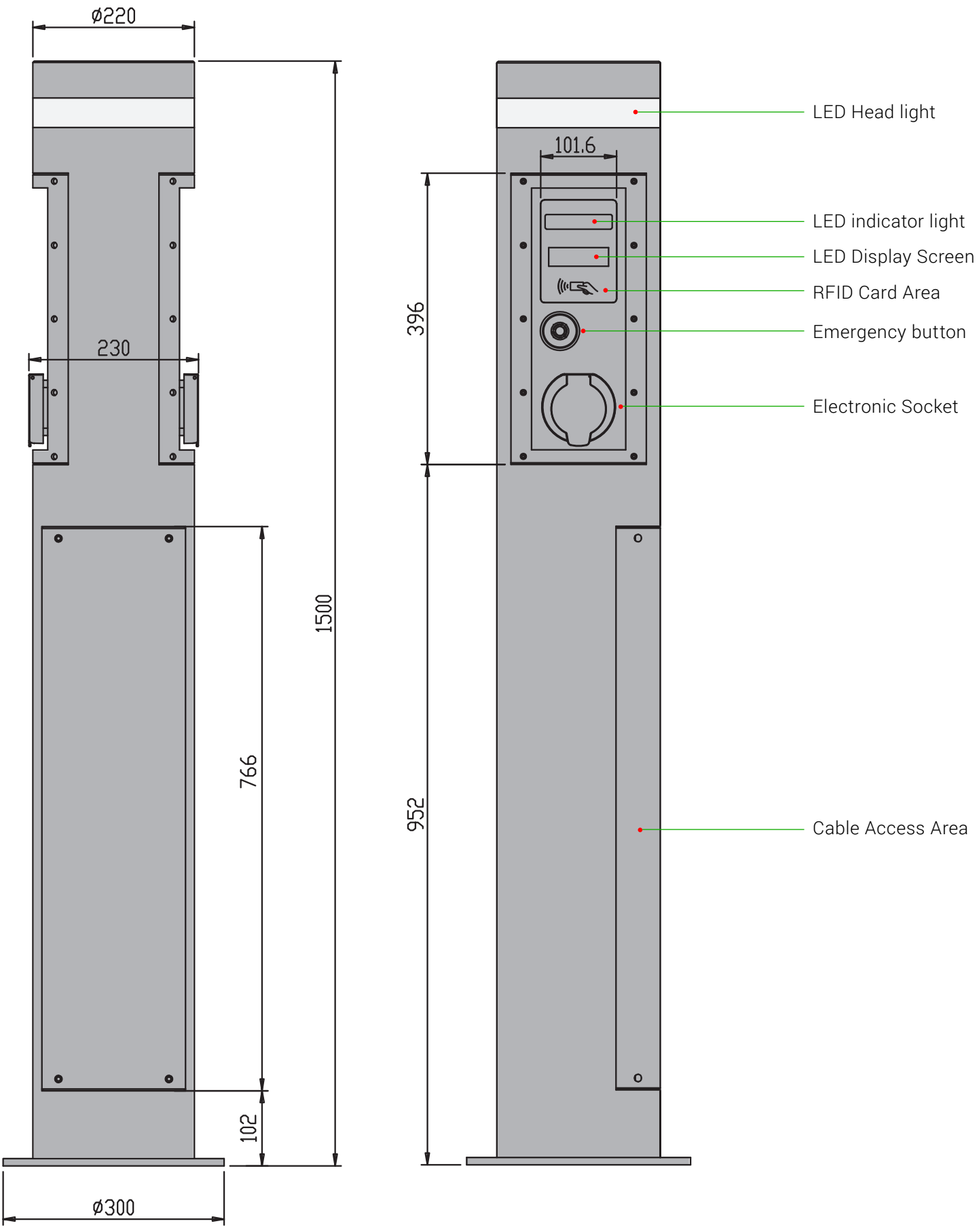
8. OCPP Compliance:
EcoPillar is OCPP 1.6 compliant, seamlessly integrating with any back-office system and allowing compatibility with OCPP compliant EV software providers.

9. Over-the-Air Updates:
Stay up-to-date effortlessly with over-the-air firmware/software updates, ensuring continuous improvement and compatibility.

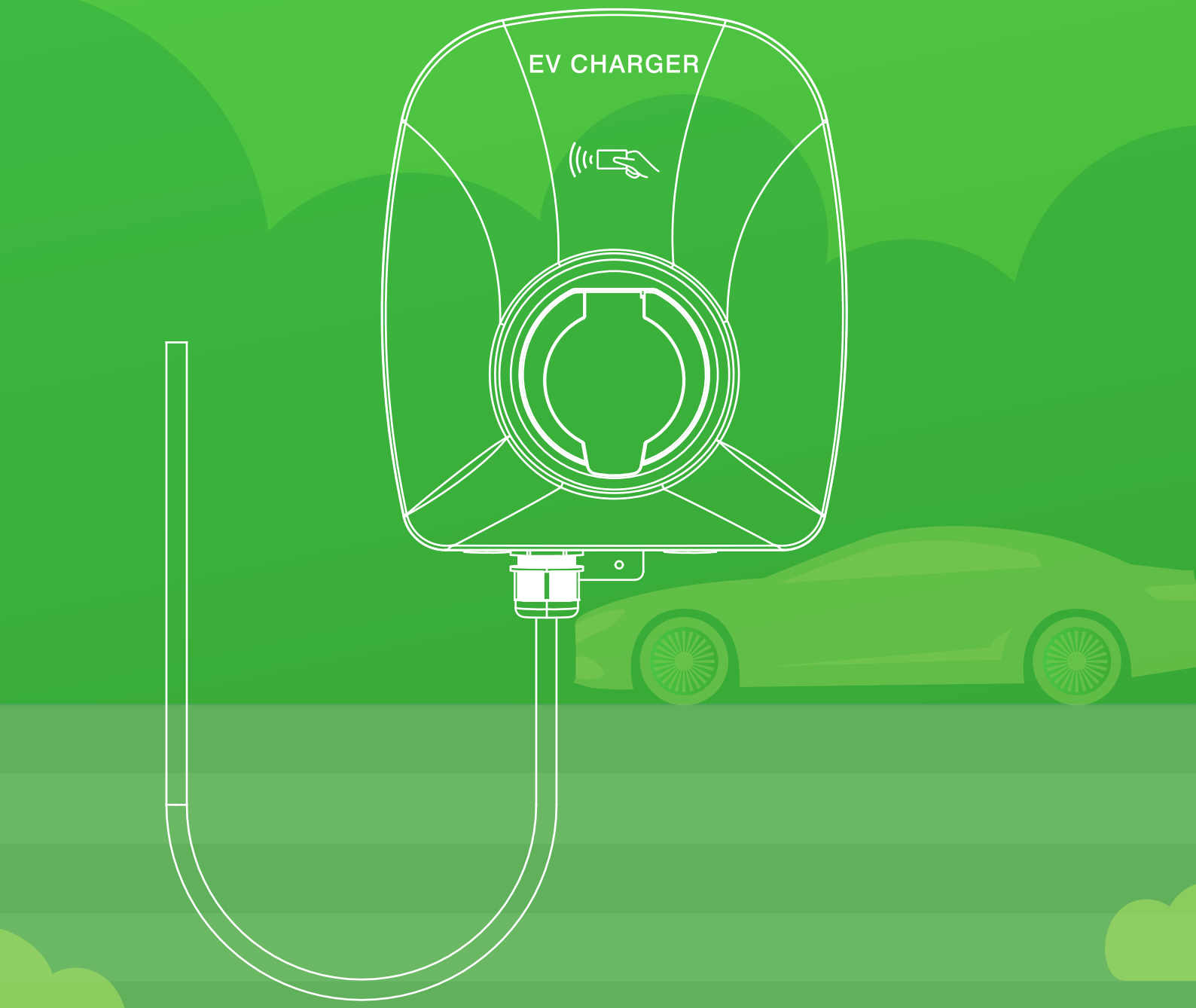
Specifications

Basic Information	» Product Code:	HY070EPS-T2 HY070EPD-T2	HY110EPS-T2 HY110EPD-T2	HY220EPS-T2 HY220EPD-T2
	» Input Voltage:	230Vac±10%	380Vac±10%	380Vac±10%
	» Rated Current:	8~32A	8~16A	8~32A
	» Rated Power:	7KW@32A	11KW@16A	22KW@32A
	» Power Supply:	1 Phase	3 Phase	3 Phase
	» Socket Optional:	Single/Dual	Single/Dual	Single/Dual
Physical Information	» Housing:	Extruded Aluminum		
	» Coating:	Special Outdoor anti-corrosion Coating		
	» Headlight Power:	10 Watt		
	» Dimension:	H1500mm × W 220mm		
	» Weight:	17.5KG		
Working Environment	» Working Temp:	-30°C ~ +50°C		
	» Humidity:	0~95% Non-Condensing		
	» IP Rate:	IP 65		
	» Work Altitude:	<3000m		
User Interface	» LED Head Light; LED Indicator Light; LED Display Screen; RFID Card Area; Charging Socket			
Connectivity Options	» Wi-Fi ; Ethernet ; 4G			
OCPP Compliance	» OCPP 1.6J Compliant			
Electrical Protection	» Over current protection ; Residual current protection			
	» Over/Under voltage protection ; Over/Under frequency protection			
	» Over temp protection; Leakage protection Type B (AC 30mA+DC 6mA)			
	» Electronic Socket Over temp protection; Relay-Sticking Protection; Pen-Fault Protection(Optional)			
Customization Options	» MID Power Meter			

Dimension(mm)



02 | 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

Basic Information	» 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
Product Specification	» 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
APP Control	» Start Charging and Stop Charging			
	» View Historical Charging Record			
	» Select a Charging Schedule			
	» Set Charging Current			
User Interface	» LED Indicator			
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.:	-25°C ~ +55°C (-35°C optional)		
	» Humidity:	5% ~ 95% Non-Condensing		
	» IP Rate:	IP 65		
	» Work Altitude:	<2000m		
Material Performance	» Shell:	Thermoplastic; Flame Retardant Grade UL94V-0		
	» AC Socket Outlets:	Pure Copper Silver Plated		
	» 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 Type B (AC 30mA+DC 6mA)			
Dimension & Package	» Control Box Size:	L285 × W245 × H138mm		
	» Input Cable:	0.75Meter / Customized		
	» Inner Box:	L450 × W340 × H170mm		
	» Outer Carton:	L700 × W465 × H360mm		

Advantages

Intelligent	Safety
• 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.	• 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

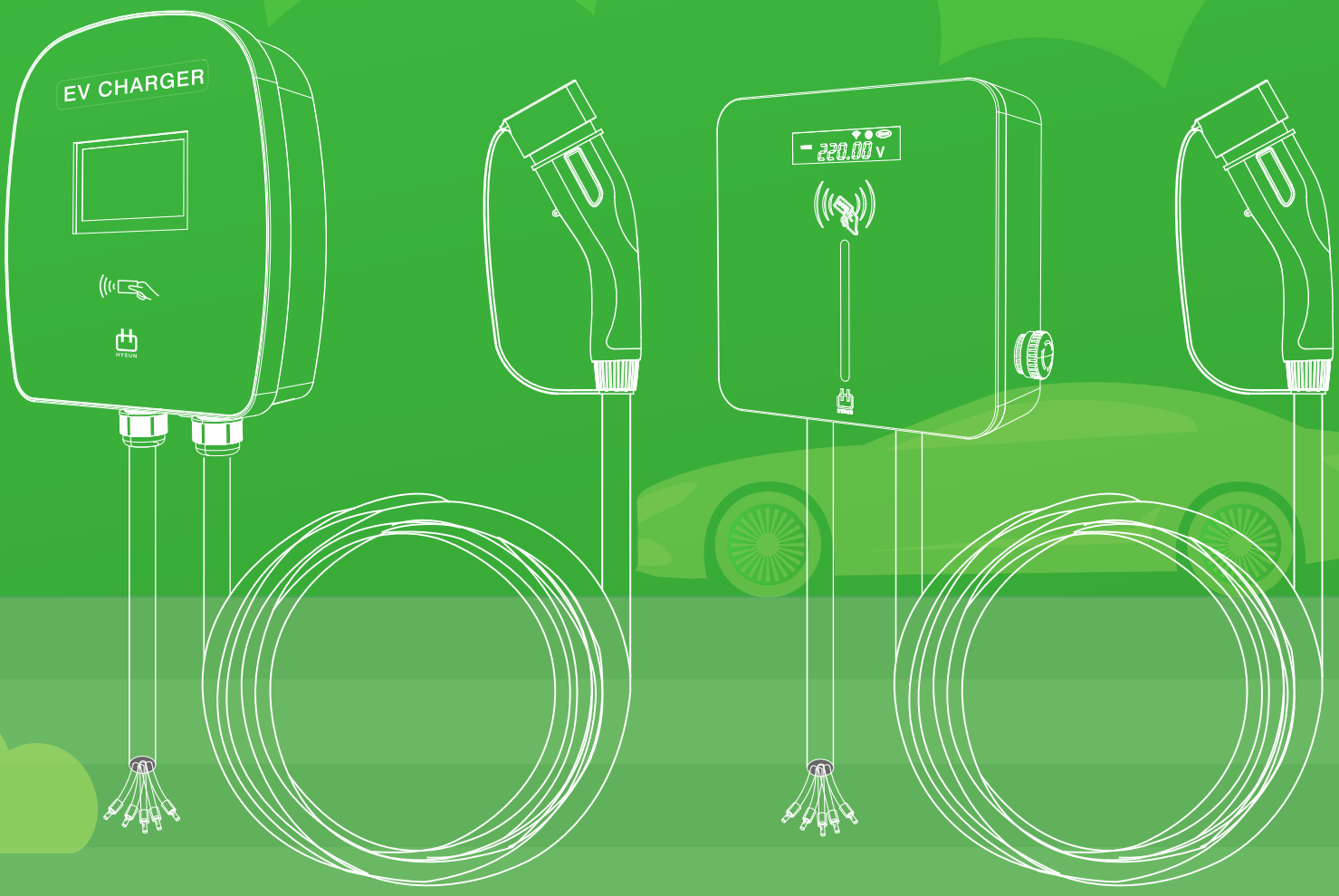
Product Code	HY220W4-T2
Control Box	L285 × W245 × H138mm
Net Weight	2.84kgs
Inner Box	L450 × W340 × H170mm
Outer Carton	L700 × W465 × H360mm
Qty./Ctn.	4 pieces
Gross Weight	16.2kgs

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

03 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

Basic Information	» 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
Product Specification	» 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^2+0.5mm^2	5×2.5mm^2+0.5mm^2	5×6.0mm^2+0.5mm^2
APP Control	» Start Charging and Stop Charging			
	» View Historical Charging Record			
	» Select a Charging Schedule			
	» Set Charging Current			
User Interface	» LED Indicator ; LCD 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.:	-25°C ~ +55°C (-35°C 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 TPU 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 Type B (AC 30mA+DC 6mA)			
Dimension & Package	» Control Box Size:	L285 × W245 × H88mm		
	» Cable Length:	4.5Meter / Customized		
	» Inner Box:	L447 × W337 × H185mm		
	» Outer Carton:	L470 × W360 × H400mm		

Advantages

Intelligent	Safety
• 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.	• 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	L470 × W360 × H400mm
Qty./Ctn.	2 pieces
Gross Weight	8.63kgs

Product Code	HY110W3-T2
Control Box	L285 × W245 × H88mm
Net Weight	4.22kgs
Inner Box	L447 × W337 × H185mm
Outer Carton	L470 × W360 × H400mm
Qty./Ctn.	2 pieces
Gross Weight	11.60kgs

Product Code	HY220W3-T2
Control Box	L285 × W245 × H88mm
Net Weight	5.35kgs
Inner Box	L447 × W337 × H185mm
Outer Carton	L470 × W360 × H400mm
Qty./Ctn.	2 pieces
Gross Weight	13.80kgs

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

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-T2	HY110W2-T2	HY220W2-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
Product Specification	» 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:	$3\times6.0mm^2+0.5mm^2$	$5\times2.5mm^2+0.5mm^2$	$5\times6.0mm^2+0.5mm^2$
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.:	-25°C ~ +55°C (-35°C 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 TPU 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 Type B (AC 30mA+DC 6mA)			
Dimension & Package	» Control Box Size:	L200×W200×H65mm		
	» Cable Length:	4.5Meter / Customized		
	» Inner Box:	L410×W280×H180mm		
	» Outer Carton:	L580×W430×H380mm		

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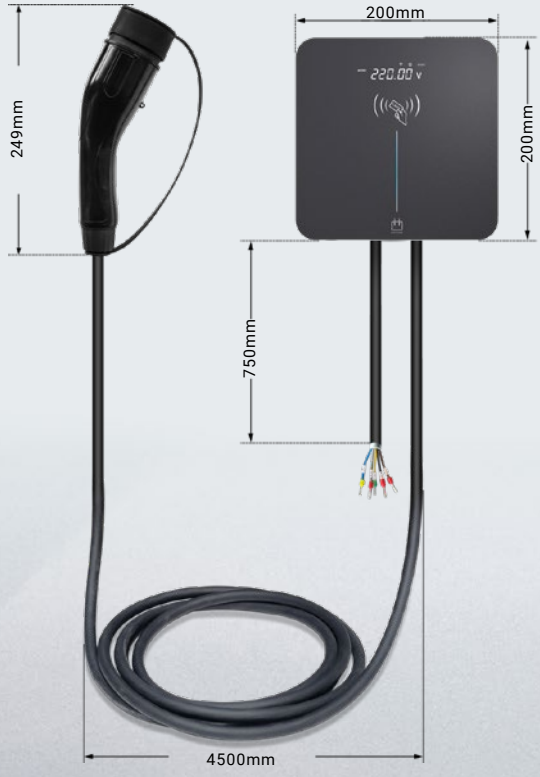
email: info@hysunpower.com

Advantages

Intelligent	Safety
• 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.	• 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	HY070W2-T2
Control Box	L200 × W200 × H65mm
Net Weight	3.6kgs
Inner Box	L410 × W280 × H180mm
Outer Carton	L580 × W430 × H380mm
Qty./Ctn.	4 pieces
Gross Weight	18kgs

Product Code	HY110W2-T2
Control Box	L200 × W200 × H65mm
Net Weight	3.5kgs
Inner Box	L410 × W280 × H180mm
Outer Carton	L580 × W430 × H380mm
Qty./Ctn.	4 pieces
Gross Weight	17.5kgs

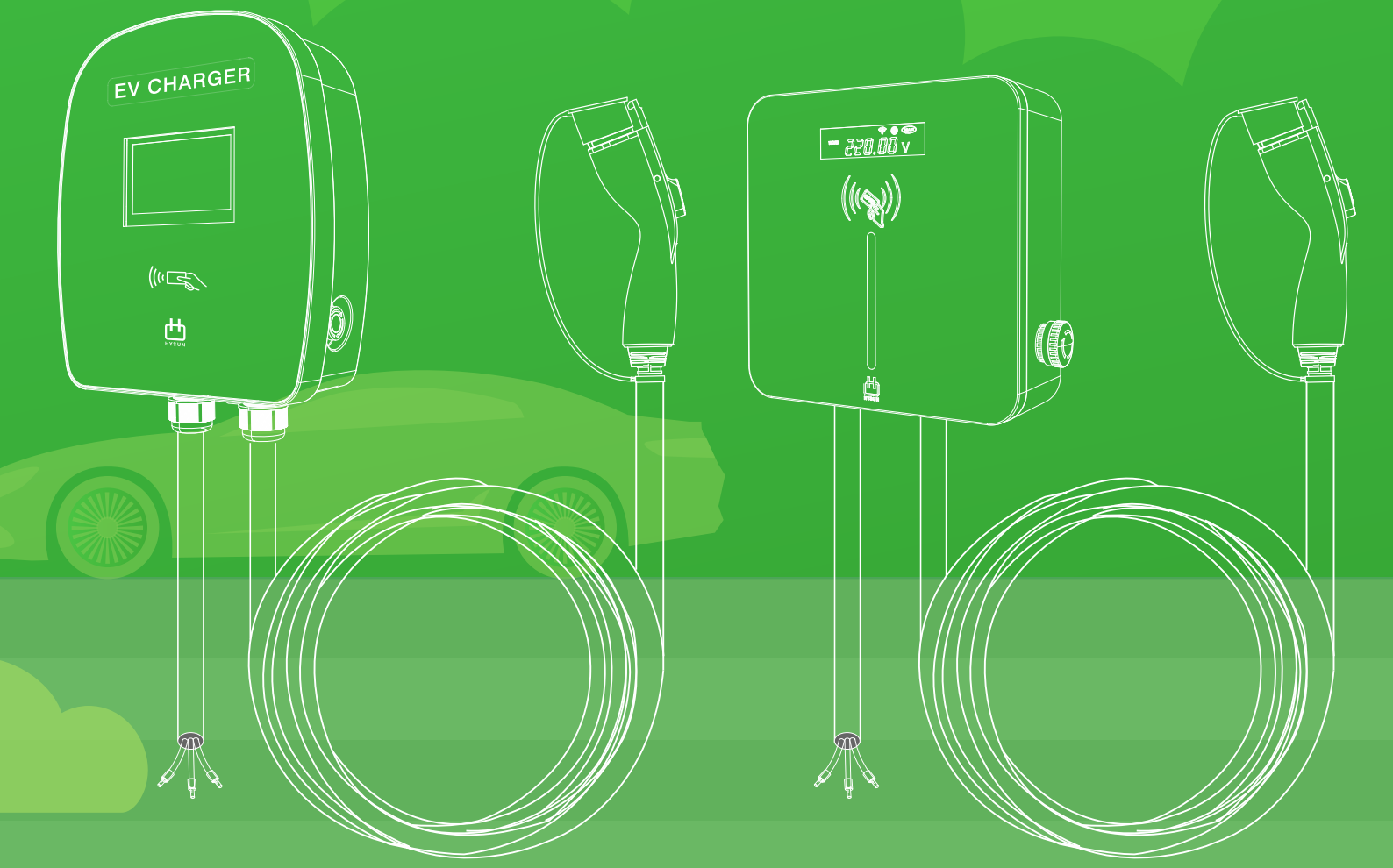
Product Code	HY220W2-T2
Control Box	L200 × W200 × H65mm
Net Weight	4.6kgs
Inner Box	L410 × W280 × H180mm
Outer Carton	L580 × W430 × H380mm
Qty./Ctn.	4 pieces
Gross Weight	22kgs

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	HY220W2-T2 32A-3 Phase	HY110W2-T2 16A-3 Phase	HY070W2-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

04 | 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:	HY070W3-T1	HY090W3-T1	HY110W3-T1
	» Input Voltage:	AC100 ~ 240V	AC100 ~ 240V	AC100 ~ 240V
	» Rated Current:	8~32A	8~40A	8~50A
	» Rated Power:	7KW	9KW	12KW
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 ; LCD 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:	L11.2" × W9.6" × H3.5"		
	» Cable Length:	15ft / Customized		
	» Inner Box:	L17.6" × W13.3" × H7.3"		
	» Outer Carton:	L18.5" × W14.1" × H15.63"		

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email: info@hysunpower.com

Advantages

Intelligent	Safety
• 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.	• 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-T1
Control Box	L11.2" × W9.6" × H3.5"
Net Weight	8.91lbs
Inner Box	L17.6" × W13.3" × H7.3"
Outer Carton	L18.5" × W14.1" × H15.63"
Qty./Ctn.	2 pieces
Gross Weight	19lbs

Product Code	HY090W3-T1
Control Box	L11.2" × W9.6" × H3.5"
Net Weight	9.28lbs
Inner Box	L17.6" × W13.3" × H7.3"
Outer Carton	L18.5" × W14.1" × H15.63"
Qty./Ctn.	2 pieces
Gross Weight	25.52lbs

Product Code	HY110W3-T1
Control Box	L11.2" × W9.6" × H3.5"
Net Weight	11.77lbs
Inner Box	L17.6" × W13.3" × H7.3"
Outer Carton	L18.5" × W14.1" × H15.63"
Qty./Ctn.	2 pieces
Gross Weight	30.36lbs

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	HY110W3-T1(48A)	HY090W3-T1(40A)	HY070W3-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

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"		

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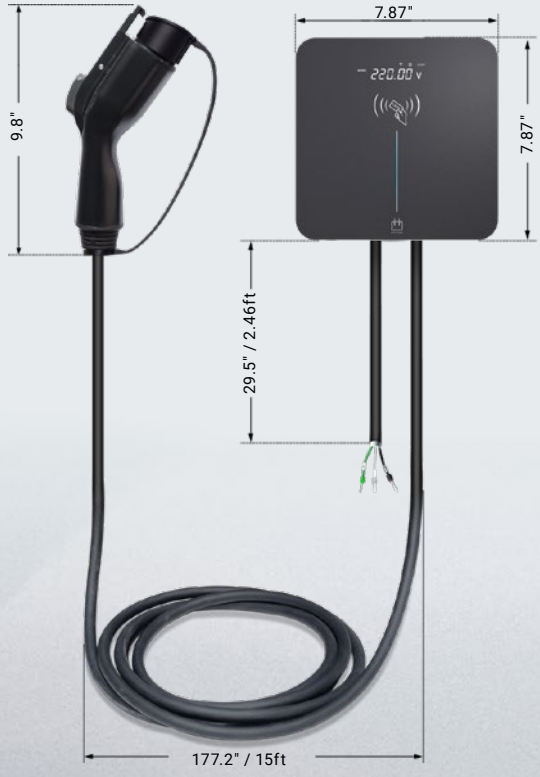
email: info@hysunpower.com

Advantages

Intelligent	Safety
• 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.	• 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

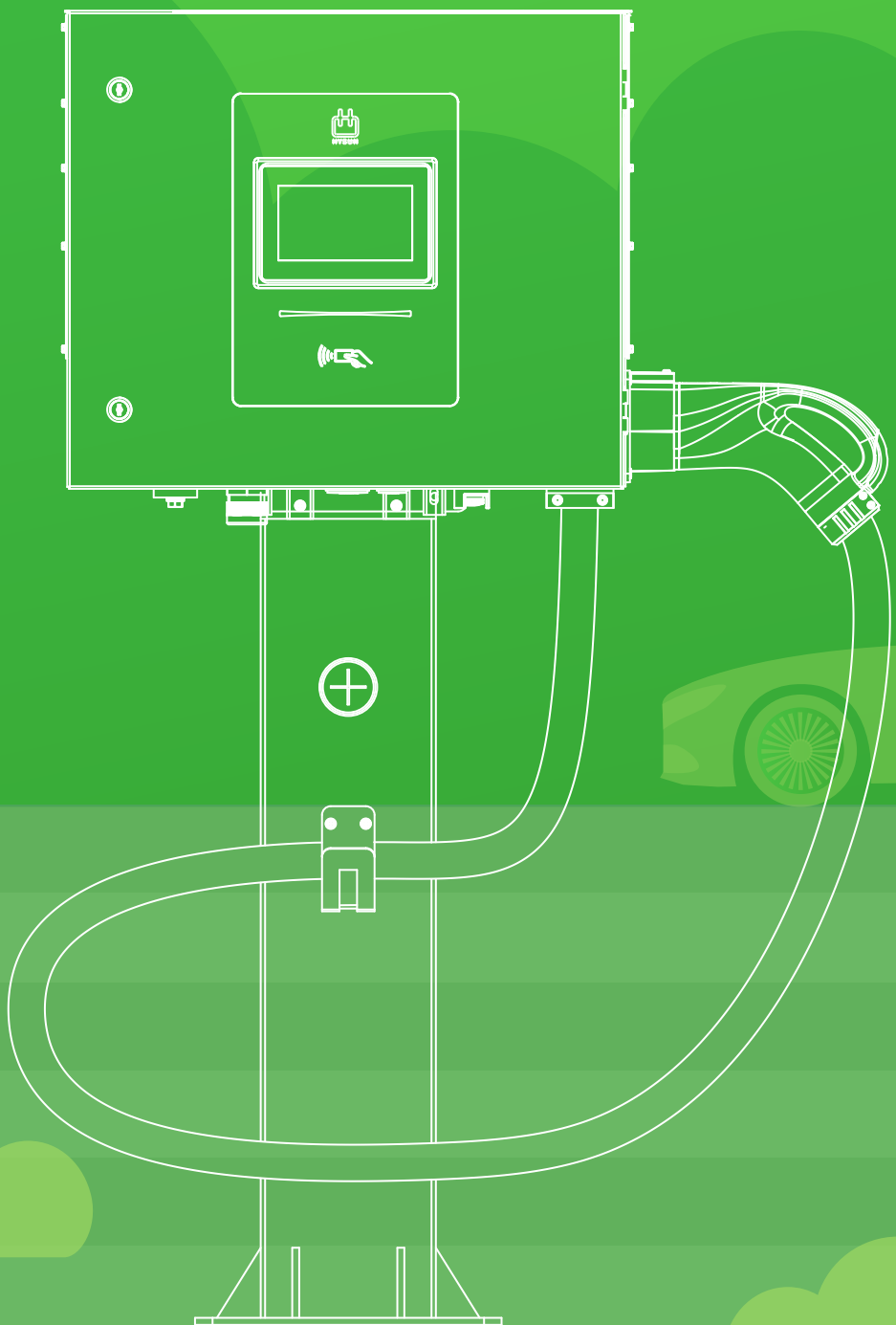
Product Code	HY110W2-T1
Control Box	L7.87" × W7.87" × H2.56"
Net Weight	10.1lbs
Inner Box	L16.14" × W11.02" × H7.09"
Outer Carton	L22.83" × W16.93" × H14.96"
Qty./Ctn.	4 pieces
Gross Weight	48.4lbs

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

05 DC EV CHARGER 30KW & 40KW SPECIFICATIONS



Specifications(1)

Parameters Diagram		
Input Power	» Input Power Supply:	3 Phase
	» Input Wiring:	3P+N+PE
	» Rated Input Voltage:	400Vac±15%
	» Input Frequency:	50Hz / 60Hz
	» THD:	< 5%
	» Efficiency:	> 95%
	» Power Factor:	> 0.98
Output Power	» Output Voltage:	150-1000VDC
	» Max. Current:	100A ; 125A
	» Rated Power:	30KW ; 40KW
	» Voltage Accuracy:	≤ 0.5%
	» Current Accuracy:	≤ ±1%
	» Connector Type:	CCS Combo 2; CHAdeMO
Communication Interface	» LED Indicator:	Green / Blue / Red, Progress Indicator
	» LCD Display:	7 inch Touch Color Screen
	» Start Mode:	RFID Card or APP
	» Connectivity Options:	Ethernet / WiFi / 4G
	» Charging Protocol:	OCPP-1.6J
Safety and Certification	» Power Meter:	Accuracy Class 1.0 energy meter
	» Residual Current Device:	Yes
	» Internal FUSE:	Yes
	» IP Rate:	IP 54
	» IK Rate:	IK 10
	» Cooling Method:	Fan Cooling
	» Operating Noise Level:	<65db
	» Electrical Protection:	Over/Under Voltage Protection,Over Current Protection, Short Circuit Protection, Over / Under Temperature Protection, Lightning Protection, Ground Protection
	» Certification and Conformity:	IEC62196-1 / -3, IEC 61851-1 / -23 / -24
Environment	» Storage Temperature:	-40°C~+75°C
	» Operating Temperature:	-30°C~+55°C
	» Max. Operating Humidity:	5%~95% RH
	» Work Altitude:	<2000m
Mechanical	» Product Dimension:	640mm × 160mm × 550mm (W × D × H)
	» Package Dimension:	750mm × 330mm × 750mm (W × D × H)
	» Weight:	55 kg(Net) / 61 kg(Gross)
	» Accessory:	Cable holder
	» Mounting Option:	Wall-mount / Pole-mount

Specifications(2)

Structural Advantages

7 inch LCD Touch Screen
Customized Touch screen available

RFID Card Reader
Supporting IC card swiping or Mobile APP

Sprayed twice with AkzoNobel Powder
For anti-corrosion, anti-fading, solvent-free, pollution-free, recyclable

Emergency Stop Button
In case of danger, Press the emergency button to cut off the power.

5M long Charging Cable
Customized length of Charging Cable available

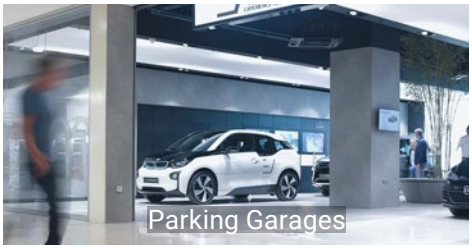
Operating Temperature
-35℃ to 50℃

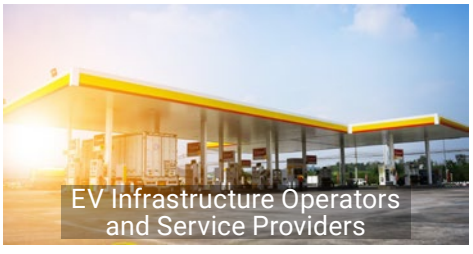
Charging Gun Options
CCS1, CCS2, CHAdeMO, Tesla

Charging Gun Temperature Detection
When the Charging Gun is too high temp, it is auto Stop Charging

Column Mounting
Simple, Quick and Easy Installation

Application





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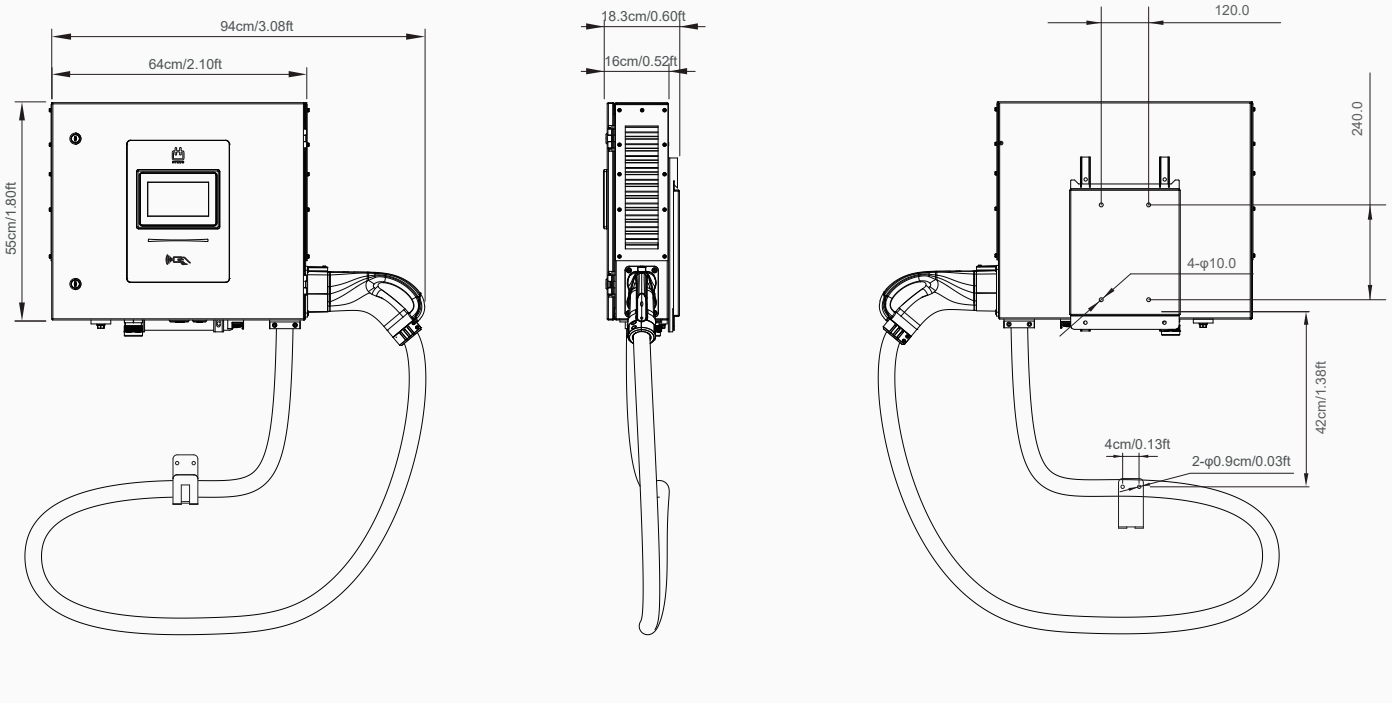
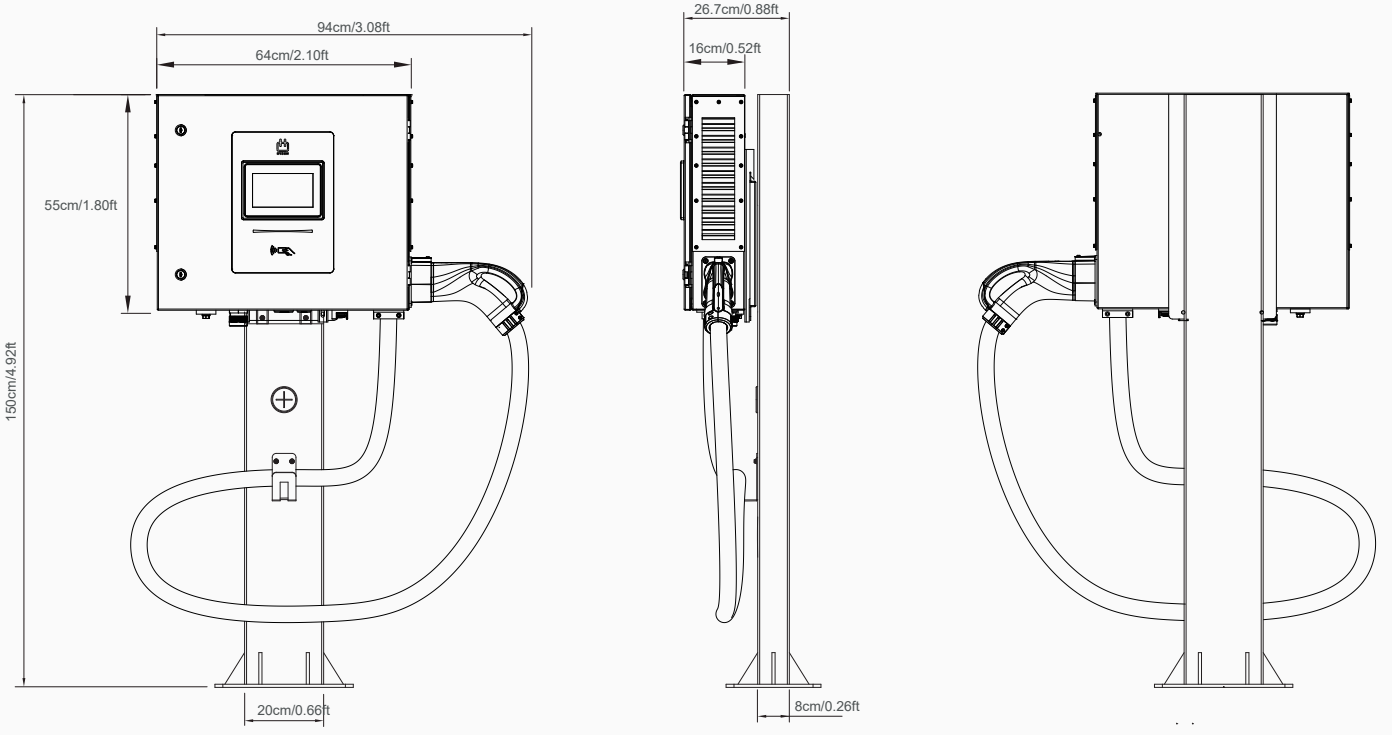
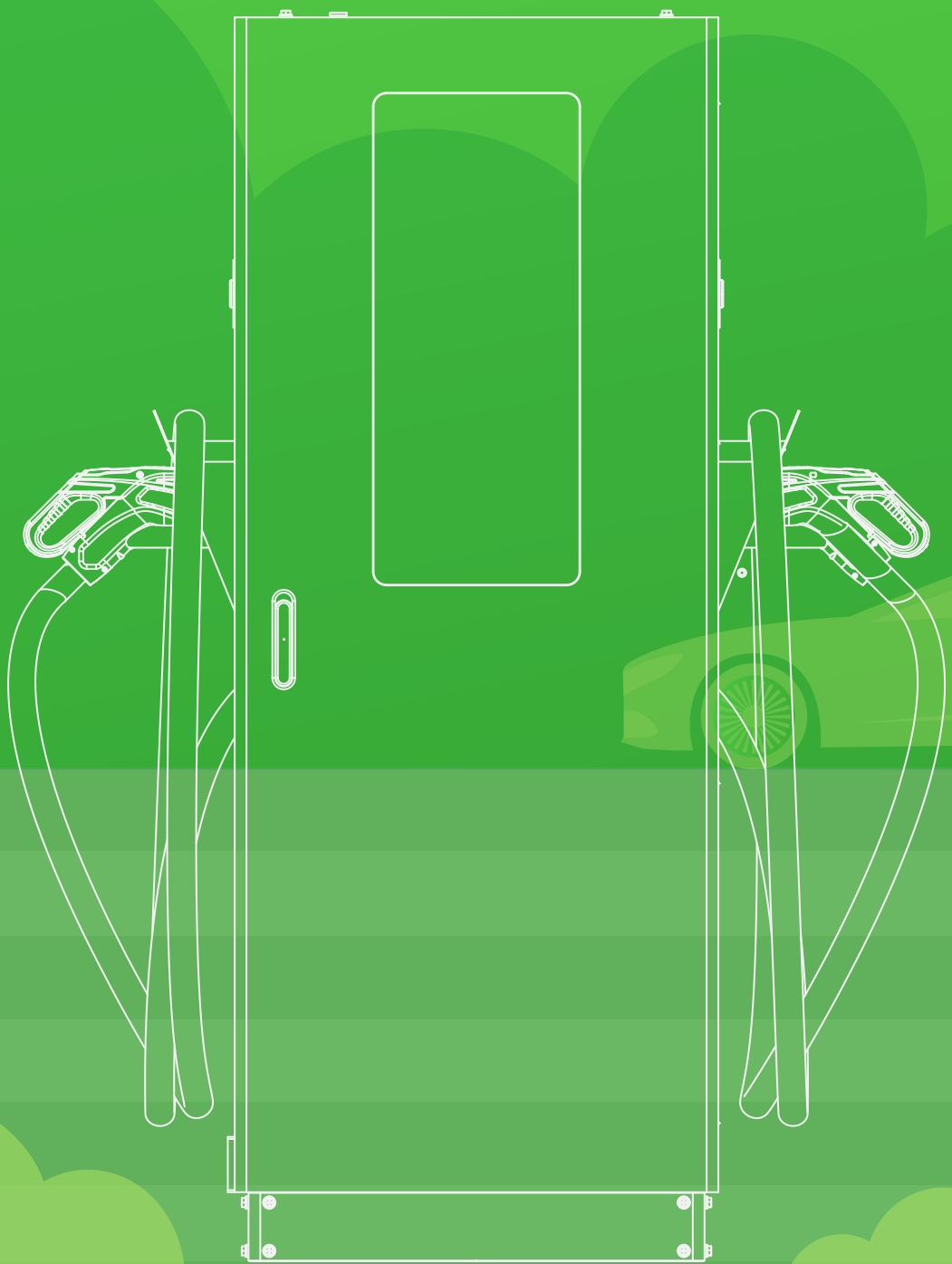
Dimension & Packing





Product Code	HY300WDC
Mounting Option	Wall Mounted / Column Mounted
Product Dimension	650 × 160 × 550mm
Package Dimension	750 × 330 × 750mm
Net Weight:	55kg
Qty./Ctn.	1 piece
Gross Weight	61kgs

06 DC EV CHARGER 60KW/80KW/120KW/160KW SPECIFICATIONS



Specifications(1)

Parameters Diagram		
Input Power	» Input Power Supply:	3 Phase
	» Input Wiring:	3P+N+PE
	» Rated Input Voltage:	400Vac±15%
	» Input Frequency:	50Hz/60Hz
	» THD:	< 5%
	» Efficiency:	> 95%
	» Power Factor:	> 0.98
Output Power	» Output Voltage:	150-1000VDC
	» Max. Current:	200A
	» Rated Power:	60~160KW
	» Voltage Accuracy:	≤ 0.5%
	» Current Accuracy:	≤ ±1%
	» Connector Type:	CCS Combo 2 ; CCS Combo 1 ; CHAdeMO
	» Number of Connectors:	1 or 2
Communication Interface	» LED Indicator:	Green/Blue/Red,Progress Indicator
	» LCD Display:	7 inch Touch Color Screen
	» RFID Reader:	ISO/IEC 14443 RFID Card Reader
	» Start Mode:	RFID Card or APP
	» Backend:	Ethernet / WiFi / Bluetooth, Optional: Cellular
	» Charging protocol:	OCPP-1.6J
Safety and Certification	» Power Meter:	Accuracy Class 1.0 energy meter
	» Residual Current Device:	Yes
	» Internal FUSE:	Yes
	» IP Rate:	IP 54
	» IK Rate:	IK 10
	» Cooling Method:	Fan Cooling
	» Operating Noise Level:	<65db
	» Electrical Protection:	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Protection
	» Certification and Conformity:	IEC62196-1/-3,IEC 61851-1/-23/-24
Environment	» Storage Temperature:	Minus 40 degree to 75Degree
	» Operating Temperature:	Minus 30 degree to 50Degree
	» Max. Operating Humidity:	5%~95% RH
	» Max. operating altitude:	2000m
Mechanical	» Product Dimension:	700mm × 550mm × 1800mm(W × D × H)
	» Package Dimension:	950mm × 720mm × 1950mm(W × D × H)
	» Weight:	257~366kg(Net) / 276~386kg(Gross)

Specifications(2)

Structural Advantages

7 inch LCD Touch Screen
Customized Touch screen available

RFID Card Reader
Supporting IC card swiping or Mobile APP

Charging Gun Options
CCS1, CCS2,CHAdeMO, Tesla

CCS1 CCS2 CHAdeMO Tesla

5M long Charging Cable
Customized length of Charging Cable available

Operating Temperature
-35℃ to 50℃

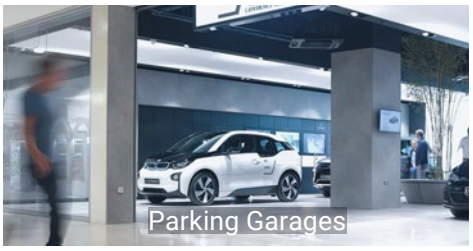
Emergency Stop Button
In case of danger, press the emergency button to cut off the power

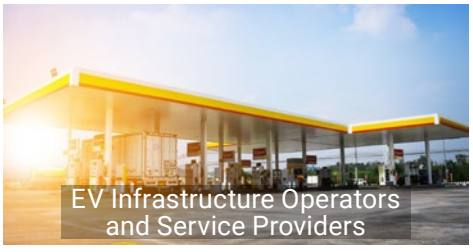
Charging Gun
Temperature Detection
When the Charging Gun is too high temp, it is auto Stop Charging

Simultaneous Charging
Service up to 2 Vehicles at a Time

Sprayed twice with AkzoNobel Powder
For anti-corrosion, anti-fading, solvent-free, pollution-free, recyclable

Application





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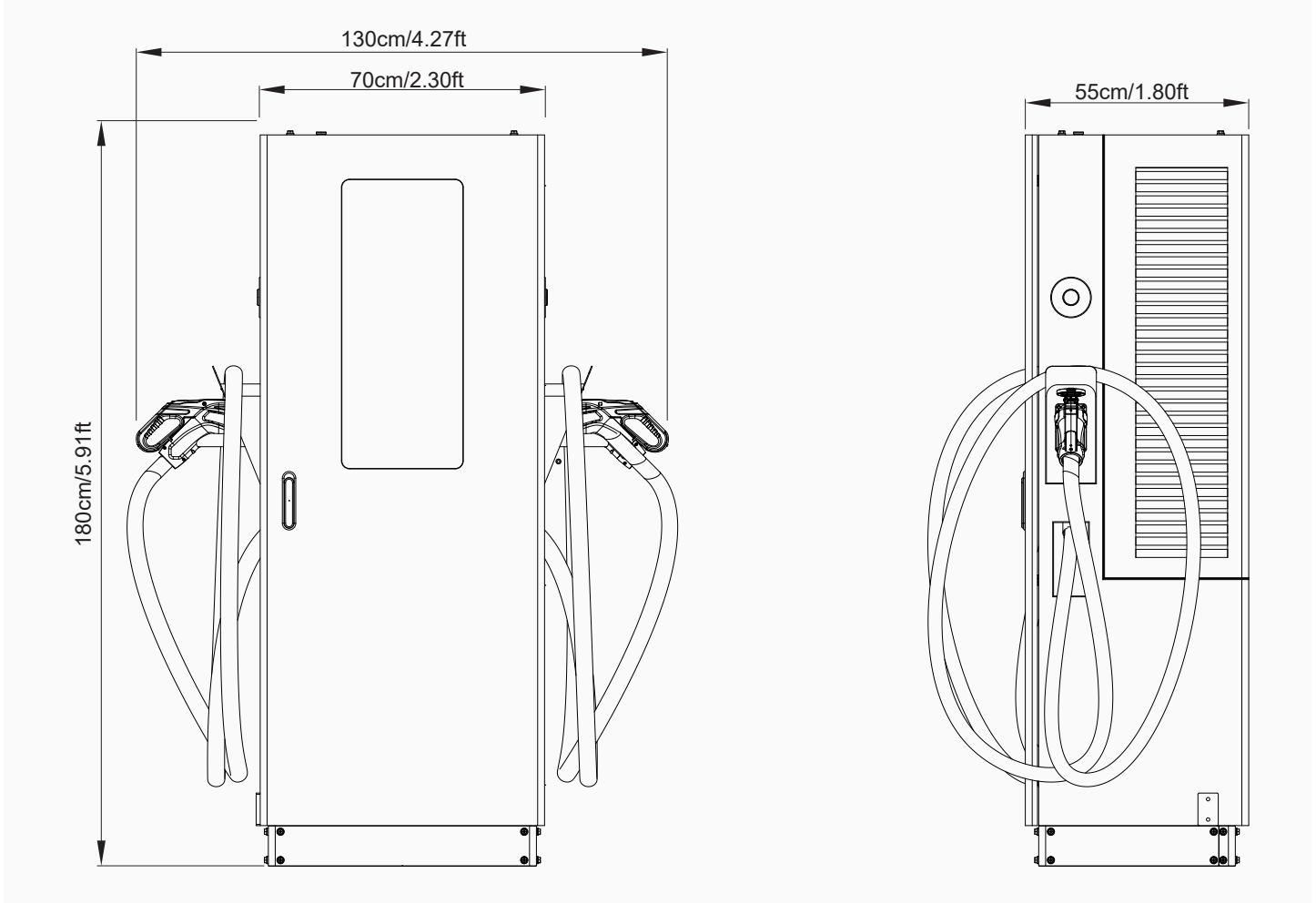
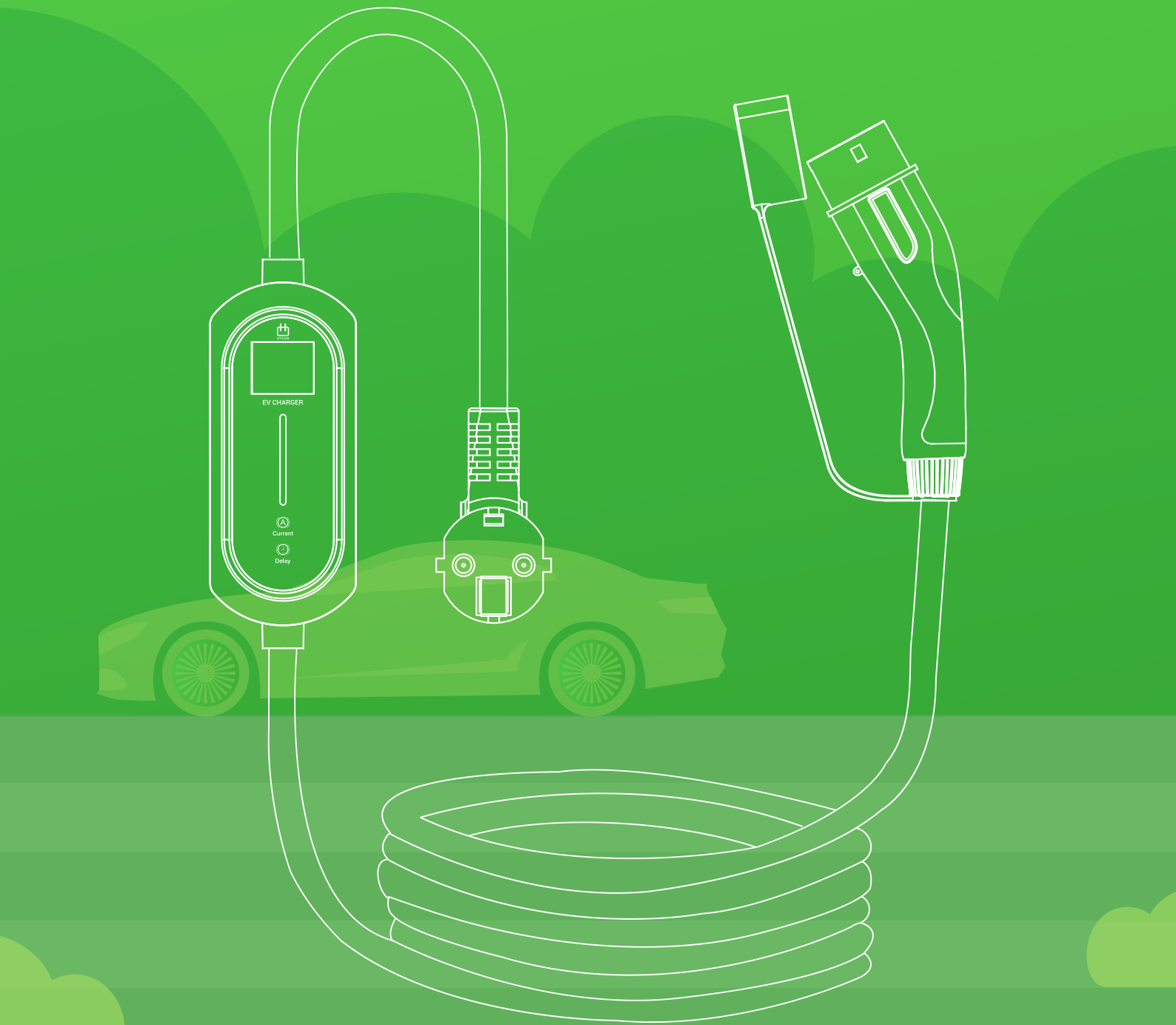
Dimension



07 PORTABLE EV CHARGER IEC 62196-2 TYPE 2 SPECIFICATIONS



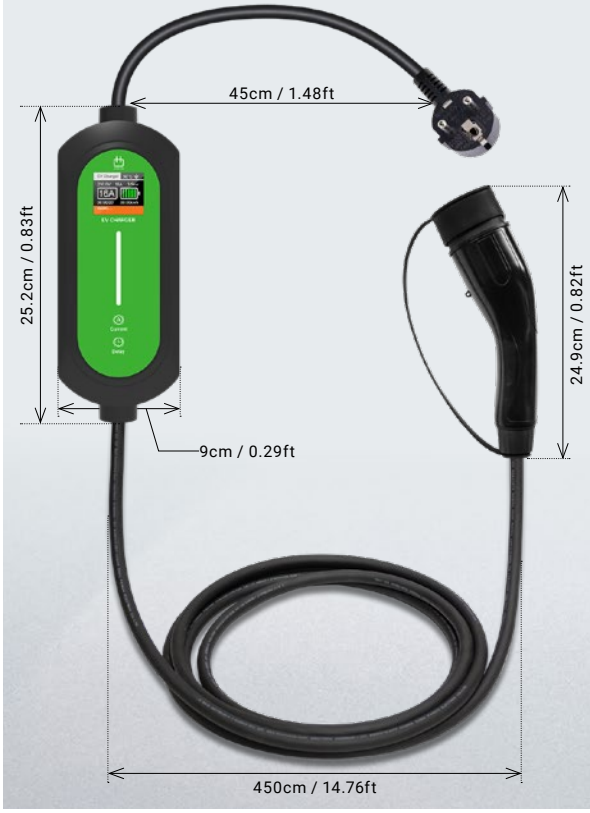
Portable EV Charger

For all IEC 62196-2EVs

Specifications

Basic Information	» Product Code:	HY035P-T2 ; HY070P-T2
	» Input Voltage:	100~240Vac
	» Rated Current:	Adjustable Current 8A/10A/13A/16A/32A
	» Rated Power:	3.5KW@230Vac (16A); 7.0KW@230Vac (32A)
Product Specification	» Charging Type:	Level 2
	» Charging Plug:	IEC 62196-2 (Type 2)
	» Power Plug:	SCHUKO; CEE; Customized
	» Charging Cable:	$3\times2.5mm^2+0.5mm^2$(16A); $3\times6.0mm^2+0.5mm^2$(32A)
Working Environment	» Working Temp.:	-30°C~+55°C
	» Humidity:	0~95% Non-Condensing
	» IP Rate:	IP 65 for Controller Box; IP 54 for Charging Plug
	» Crushing Force:	No Damage Under 5000N
Material Performance	» 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
Electrical Protection	» Second Level over current protection ; Residual current protection	
	» Relay Sticking protection ; Surge protection; Ground protection	
	» Over/Under voltage protection ; Over/Under frequency protection	
	» Over temp protection; Leakage protection Type B (AC 30mA+ DC6mA)	
Dimension & Package	» Control Box Size:	L252 × W90 × H57mm
	» Cable Length:	4.5Meter / Customized
	» Inner Box:	L35 × W33 × H14cm
	» Outer Carton:	L58 × W39 × H36cm

Dimension & Packing



Model No.	HY035P-T2	HY070P-T2
Inner Box	35cm × 33cm × 11cm	35cm × 33cm × 11cm
Net Weight	2.09kg / 4.61lbs	2.7kg / 5.95lbs
Qty./Box	1 piece	1 piece

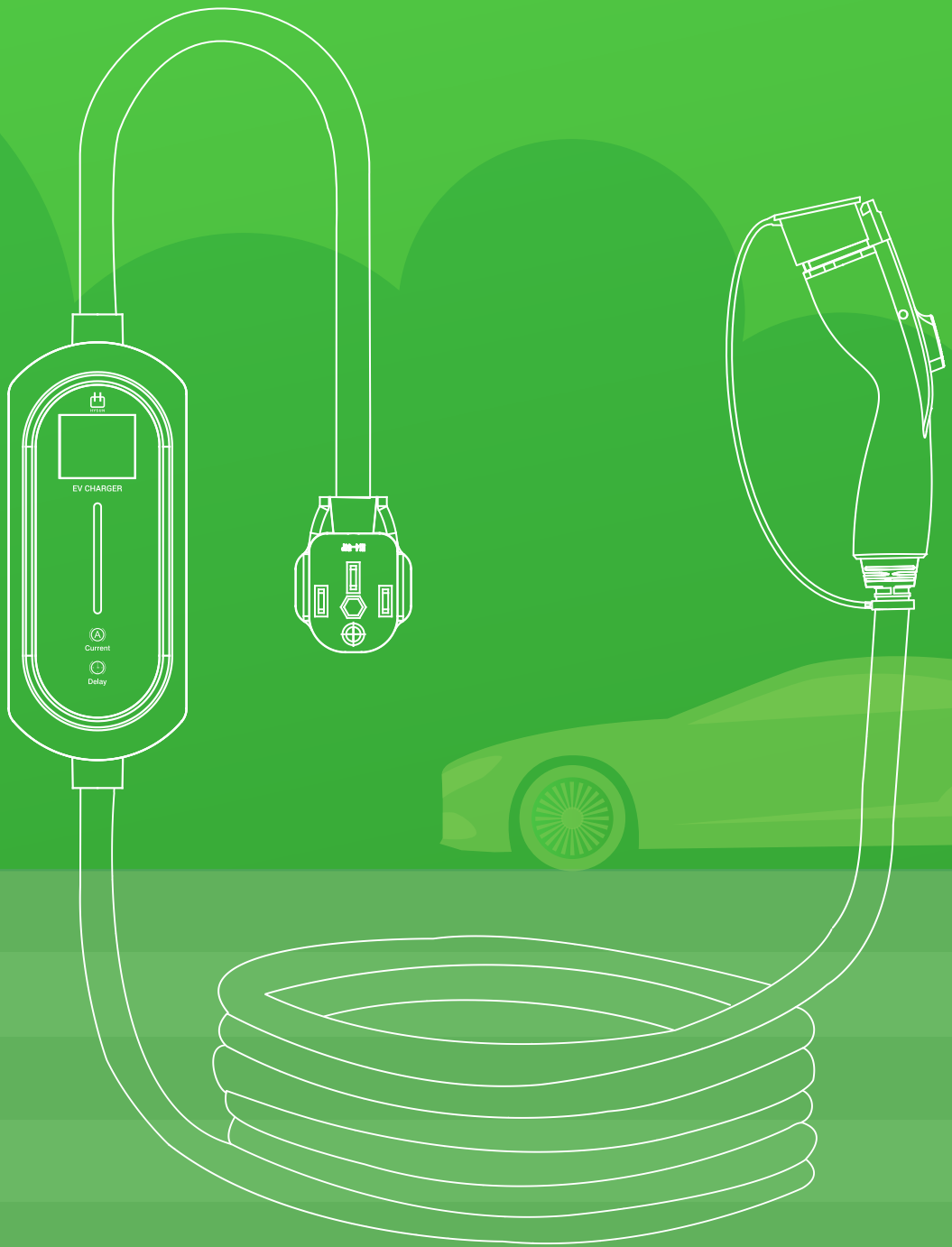
Model No.	HY035P-T2	HY070P-T2
Carton Size	58cm × 39cm × 36cm	58cm × 39cm × 36cm
Gross Weight	13.75kg / 30.31lbs	16.67kg / 36.75lbs
Qty./ctn.	5 pieces	5 pieces

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	HY035P-T2(16A 240V) Charging Time	HY070P-T2(32A 240V) Charging Time
Tesla Model 3 Standard Plus	50.0kwh	14.3 Hours	7.14 Hours
Tesla Model Y Performance	72.5kwh	20.7 Hours	10.36 Hours
Ford Mustang Mach-E	70.0kwh	20.0 Hours	10.00 Hours
Volkswagen ID.4	77.0kwh	22.0 Hours	11.00 Hours
Nissan Leaf e+	56.0kwh	16.0 Hours	8.00 Hours
Audi e-tron / Sportback	86.5kwh	24.7 Hours	12.36 Hours
Hyundai Kona Electric	64.0kwh	18.3 Hours	9.14 Hours
Porsche Taycan	83.7kwh	23.9 Hours	11.96 Hours
BMW i3 120 Ah	37.9kwh	10.83 Hours	5.41 Hours

08 PORTABLE EV CHARGER SAE J1772 TYPE 1 SPECIFICATIONS



Portable EV Charger

For all SAE J1772 Evs

Specifications

Basic Information	» Product Code:	HY035P-T1 ; HY070P-T1
	» Input Voltage:	100~240Vac
	» Rated Current:	Adjustable Current 8A/10A/13A/16A/32A
	» Rated Power:	3.5KW@240Vac(16A); 7.0KW@240Vac(32A)
Product Specification	» Charging Type:	Level 2
	» Charging Plug:	SAE J1772 (Type 1)
	» Power Plug:	NEMA 6-20; NEMA 14-50; Customized
	» Charging Cable:	3 × 14AWG+18AWG(16A); 3 × 10AWG+18AWG(32A)
Working Environment	» Working Temp.:	-22°F ~ +122°F
	» Humidity:	0 ~ 95% Non-Condensing
	» IP Rate:	IP 65 for Controller Box; IP 54 for Charging Plug
	» Crushing Force:	No Damage Under 5000N
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	» Second Level over current protection ; Residual current protection	
	» Relay Sticking protection ; Surge protection; Ground protection	
	» Over/Under voltage protection ; Over/Under frequency protection	
	» Over temp protection; Leakage protection	
Dimension & Package	» Control Box Size:	L9.92" × W3.54" × H2.24"
	» Cable Length:	15ft / Customized
	» Inner Box:	L13.78" × W13" × H4.33"
	» Outer Carton:	L22.83" × W15.35" × H14.17"

Dimension & Packing

Model No.	HY035P-T1	HY070P-T1
Inner Box	L13.78" × W13" × H4.33"	L13.78" × W13" × H4.33"
Net Weight	4.62lbs	5.94lbs
Qty./Box	1 piece	1 piece

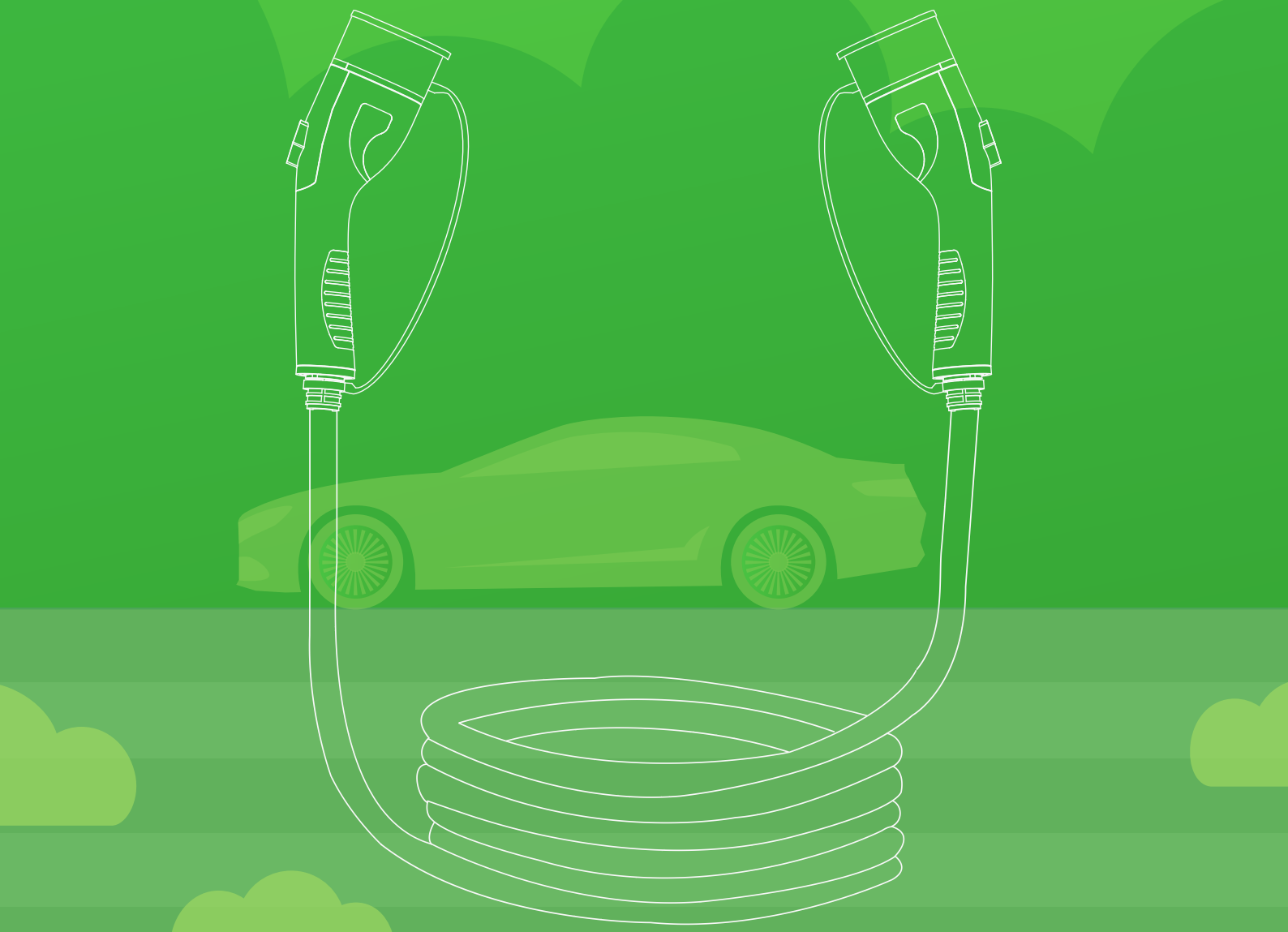
Model No.	HY035P-T1	HY070P-T1
Carton Size	L22.83" × W15.35" × H14.17"	L22.83" × W15.35" × H14.17"
Gross Weight	30.26lbs	36.66lbs
Qty./ctn.	5 pieces	5 pieces

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	HY035P-T1(16A 240V) Charging Time	HY070P-T1(32A 240V) Charging Time
Tesla Model 3 Standard Plus	50.0kwh	14.3 Hours	7.14 Hours
Tesla Model Y Performance	72.5kwh	20.7 Hours	10.36 Hours
Ford Mustang Mach-E	70.0kwh	20.0 Hours	10.00 Hours
Volkswagen ID.4	77.0kwh	22.0 Hours	11.00 Hours
Nissan Leaf e+	56.0kwh	16.0 Hours	8.00 Hours
Audi e-tron / Sportback	86.5kwh	24.7 Hours	12.36 Hours
Hyundai Kona Electric	64.0kwh	18.3 Hours	9.14 Hours
Porsche Taycan	83.7kwh	23.9 Hours	11.96 Hours
BMW i3 120 Ah	37.9kwh	10.83 Hours	5.41 Hours

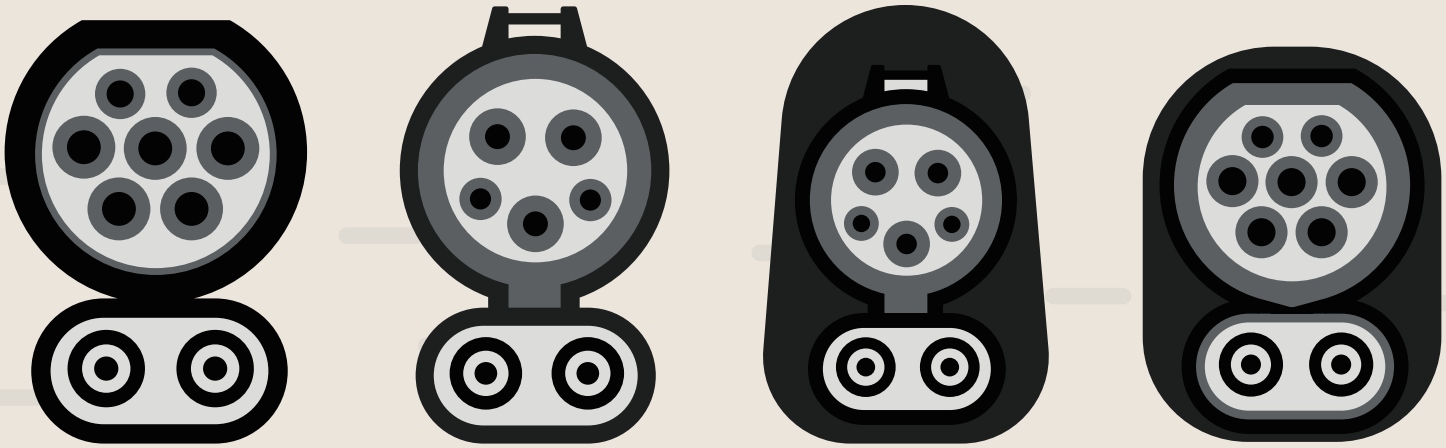
09 EV CHARGING CABLE TYPE 2 TO TYPE 2-MODE 3 SPECIFICATIONS



Specifications

Basic Information	» Product Code:	HY1P16A-T2 ; HY1P32A-T2; HY3P16A-T2; HY3P32A-T2
	» Power Supply:	1Phase 16A; 1Phase 32A; 3 Phase 16A; 3 Phase 32A
	» Input Voltage:	250V; 250V; 480V; 480V
	» Rated Power:	3.5KW; 7KW; 11KW; 22KW
Product Specification	» Charging Type:	Level 2
	» Charging Mode:	Mode 3
	» Charging Plug:	Type 2 Car Side (Female) - Type 2 Charging Station Side (Male)
	» Charging Cable:	$3 \times 2.5mm^2+2 \times 0.5mm^2$(1P16A); $3 \times 6.0mm^2+2 \times 0.5mm^2$(1P32A) $5 \times 2.5mm^2+2 \times 0.5mm^2$(3P16A); $5 \times 6.0mm^2+2 \times 0.5mm^2$(3P32A)
	» OD(mm):	10.5±0.4 (1P16A); 13.5±0.4 (1P32A); 13.5±0.4 (3P16A); 16.5±0.4(3P32A).
Working Environment	» Insulation Resistance:	>100M ohm (DC500V)
	» Terminal Temp. Rise:	<50K
	» Withstand Voltage:	2000V
	» Contact Resistance:	≤0.05 MΩ
	» Coupled Insertion Force:	>45N <80N
	» Impact Force:	1m drop or 2 Ton vehicle run over pressure
	» Working Temp.:	-30°C~+50°C
	» Humidity:	0~95% Non-Condensing
	» IP Rate:	IP 54
Material Performance	» 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
Dimension & Package	» Cable Length:	4.5Meter / 15ft / Customized
	» Inner Box:	L360 × W330 × H100mm / L14.2" × W13" × H3.94"
	» Outer Carton:	L530 × W390 × H360mm / L20.87" × W15.35" × H14.17"

10 CHARGER ADAPTERS SPECIFICATIONS



CCS COMBO 1 to Tesla Charger Adapter

Main Markets: North America, Canada, South Korea, Mexico.

Specification	Parameter
Model:	CCS1-Tesla
Color:	Black
Current:	250A max
Rated voltage:	500-1000V DC
IP Rate:	IP54
Insulation resistance:	>1000MΩ
Coupled insertion force:	45N<F<80N
Rated power:	250KW max
Contact resistance:	<5MΩ
Terminal:	Copper alloy, silver plated
Mechanical life:	>10,000 times
Operating temperature:	-40°C~+85°C
Warranty:	1 Year
Fire retardant level:	UL94-V0

J1772 to Tesla Adapter

Main Markets: North America, Canada, South Korea, Mexico.

Specification	Parameter
Model:	J1772-Tesla
Color:	Black
Current:	80A
Rated voltage:	110V-250V AC
IP Rate:	IP54
Insulation resistance:	>5MΩ
Rated power:	20KW
Terminal:	Copper alloy, silver plated
Mechanical life:	>10,000 times
Operating temperature:	-40°C~+85°C
Warranty:	1 Year
Fire retardant level:	UL94-V0

CCS1 to CCS2 Adapter

Specification	Parameter
Model:	CCS1-CCS2
Color:	Black
Current:	250A max
Rated voltage:	500-1000V DC
IP Rate:	IP54
Insulation resistance:	>1000MΩ
Coupled insertion force:	45N<F<80N
Rated power:	250KW max
Contact resistance:	<5MΩ
Terminal:	Copper alloy, silver plated
Mechanical life:	>10,000 times
Operating temperature	-40°C~+85°C
Warranty:	1 Year
Fire retardant level:	UL94-V0

CCS COMBO 2 to Tesla Charger Adapter

Main markets: Europe, Russia, Southeast Asia.

Specification	Parameter
Model:	CCS2-Tesla
Color:	Black
Current:	250A max
Rated voltage:	500-1000V DC
IP Rate:	IP54
Insulation resistance:	>1000MΩ
Coupled insertion force:	45N<F<80N
Rated power:	250KW max
Contact resistance:	<5MΩ
Terminal:	Copper alloy, silver plated
Mechanical life:	>10,000 times
Operating temperature	-40°C~+85°C
Warranty:	1 Year
Fire retardant level:	UL94-V0

TYPE 2 to Tesla AC Charger Adapter

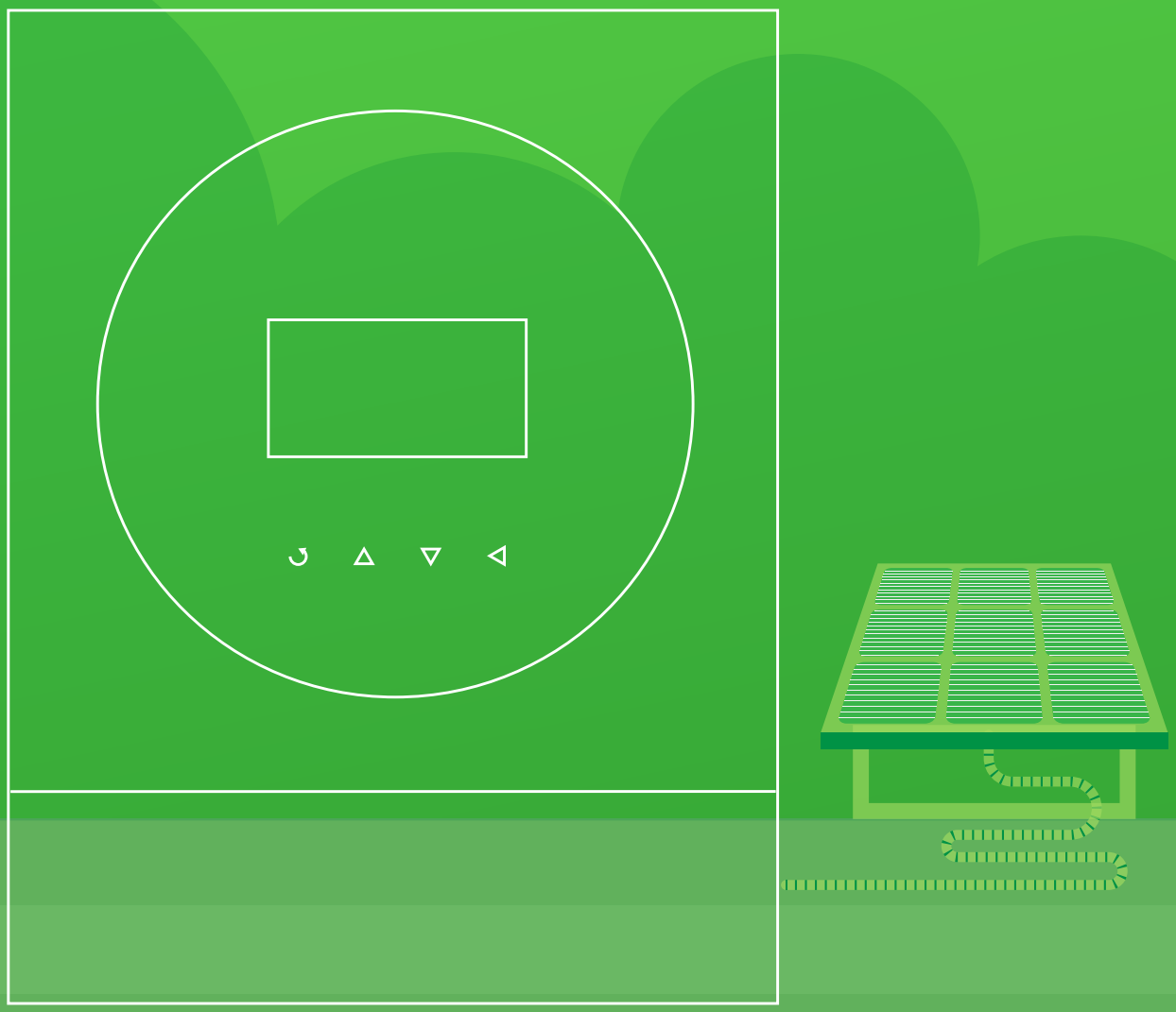
Main Markets: Europe, Middle East, Southeast Asia, South America, Central Asia.

Specification	Parameter
Model:	Type 2-Tesla
Color:	Black
Current:	80A
Rated voltage:	110V-250V AC
IP Rate:	IP54
Insulation resistance:	>5MΩ
Rated power:	20KW
Terminal:	Copper alloy, silver plated
Mechanical life:	>10,000 times
Operating temperature:	-40°C~+85°C
Warranty:	1 Year
Fire retardant level:	UL94-V0

TYPE 2 to TYPE 1 Adapter

Specification	Parameter
Model:	Type 2-Type 1
Color:	Black
Current:	32A Max
Rated voltage:	110V-250V AC
IP Rate:	IP54
Insulation resistance:	>5MΩ
Rated power:	7KW Max
Terminal:	Copper alloy, silver plated
Mechanical life:	>10,000 times
Operating temperature:	-40°C~+85°C
Warranty:	1 Year
Fire retardant level:	UL94-V0

11 SOLAR INVERTER OFF-GRID IN PARALLEL3.6KW & 5.6KW SPECIFICATIONS



Feature

1. Multi-function inverter/charger

a) Can power devices using AC power, solar power, or battery power;

b) Compact and portable design for easy transport and setup.

2. User-friendly LCD display

a) Displays important information such as battery charging current, charger priority, and input voltage;

b) Easy-to-use buttons for configuration.

3. Remote monitoring

a) Built-in Wi-Fi module allows for remote monitoring via mobile app;

b) Monitor power usage and status from anywhere.

4. Efficient technology

a) DPS digital control technology and double conversion online design for high efficiency;

b) Input PFC technology and high-efficiency inverter technology for maximum output efficiency;

c) Input power up to 0.99 for maximum power output.

5. Battery optimization

a) Battery balancing function to optimize battery performance and energy storage;

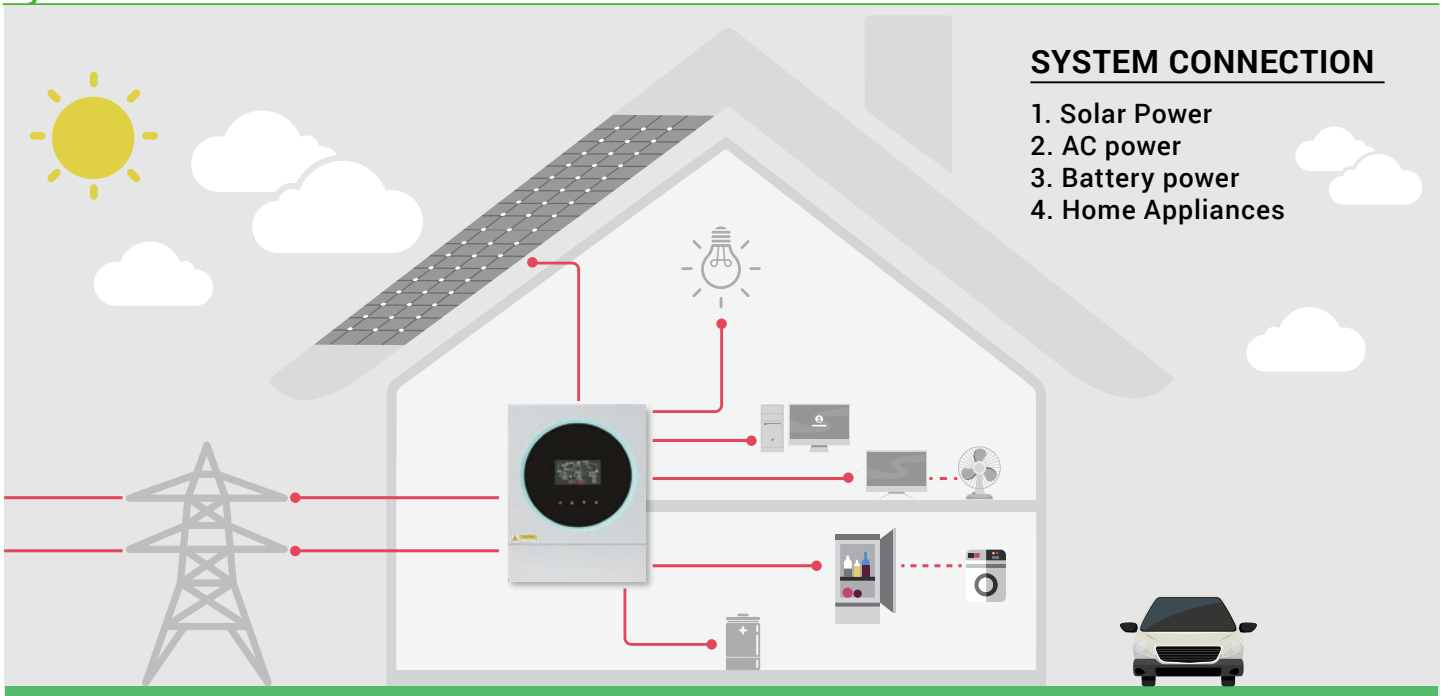
b) Higher efficiency for energy storage to save power and extend battery life.

6. Expandable system

a) Can be used in parallel with up to 6 units for maximum economic benefits;

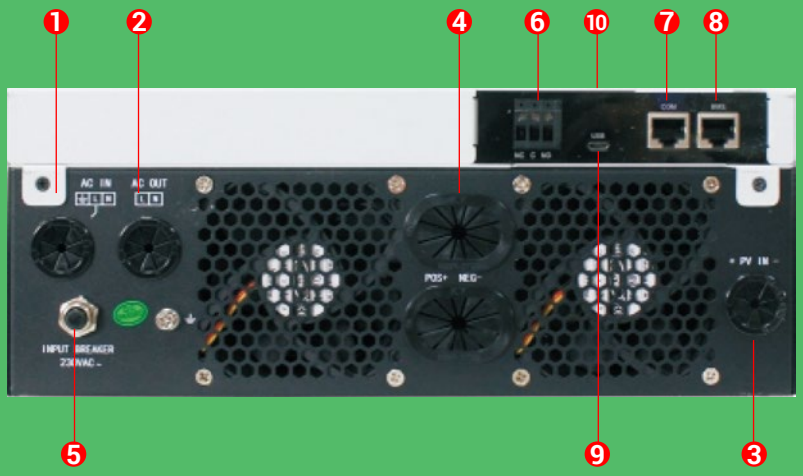
b) Scalable system for future expansion.

System Connection & Overview



SYSTEM CONNECTION

1. Solar Power
2. AC power
3. Battery power
4. Home Appliances



OVERVIEW

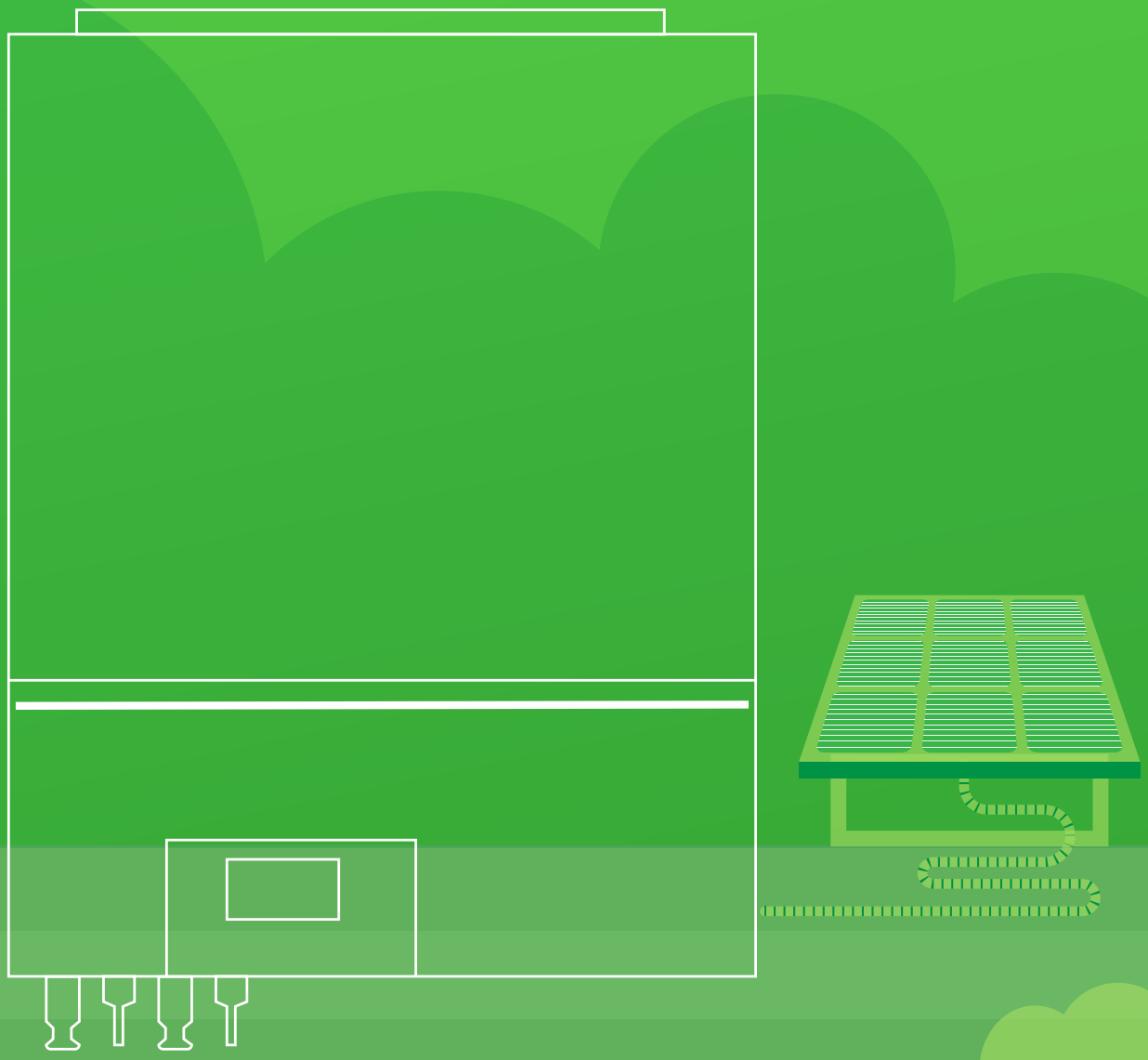
1. AC input
2. AC output
3. PV input
4. Battery input
5. Circuit breaker
6. Dry contact
7. COM
8. BMS
9. USB
10. Built-in WIFI

Visit our Website at: www.hysunpower.com
email: info@hysunpower.com

Specifications

» Model No.	HY-3.6KW-SI	HY-5.6KW-SI
» Rated Power	3.6KW	5.6KW
Input		
» Voltage	230Vac	
» Voltage Range	170~280Vac (For PC), or 90~280Vac (For Home Appliance)	
» Frequency Range	50/60HZ (Auto sensing)	
Output		
» AC Voltage Regulation (Battery Mode)	230Vac±5%	
» Overload Protection	5s=130% load & 10s@105%-130% Load	
» Surge Capacity	2*rated power for 5 seconds	
» Efficiency (Peak)	0.93	
» Transfer Time	10 ms typical (UPS); 20 ms typical (Appliance)	
» Wave Form	Pure Sine Wave	
Battery		
» Battery Type	Lithium battery, lead acid battery	
» Battery Voltage	24VDC	48VDC
» Floating Charge Voltage	29.2VDC	58.4VDC
» Overcharge Protection	32VDC	62VDC
» Cold Start Voltage	23VDC	46VDC
Solar Charger & AC Charger		
» Solar Charger Type	MPPT	
» Max PV Array Open Circuit Voltage	500VDC	500VDC
» Max PV Array Power	4000W	6000W
» MPPT Range @ Operating Voltage	120~450VDC	120~450VDC
» Nominal PV Voltage	240VDC	360VDC
» Maximum Solar Charge Current	120A	120A
» Maximum AC Charge Current	l00A	l00A
» Maximum Charge Current	120A	120A
Physical		
» Communication Interface	USB / RS232 / BMS / Wi-Fi	
» Working Humidity	5%~95% Relative Humidity (Non-condensing)	
» Operation Temperature	Minus 10Degree to 50 Degree	
» Storage Temperature	Minus 15Degree to 60 Degree	
» Dimension (L × w × H)mm	119 × 314 × 433mm	
» Carton Size (L × w × H)mm	119 × 394 × 503mm	
» N/W (kgs)	9.5kgs	10.5kgs
» G/M (kgs)	10.5kgs	12.0kgs

12 SOLAR INVERTER OFF-GRID IN PARALLEL 8KW & 11KW SPECIFICATIONS



Feature

1. Multi-function inverter/charger

a) Can power devices using AC power, solar power, or battery power;

b) Compact and portable design for easy transport and setup.

2. User-friendly LCD display

a) Displays important information such as battery charging current, charger priority, and input voltage;

b) Easy-to-use buttons for configuration.

3. Remote monitoring

a) Built-in Wi-Fi module allows for remote monitoring via mobile app;

b) Monitor power usage and status from anywhere.

4. Efficient technology

a) DPS digital control technology and double conversion online design for high efficiency;

b) Input PFC technology and high-efficiency inverter topology for maximum output efficiency;

c) Input power up to 0.99 for maximum power output.

5. Battery optimization

a) Battery balancing function to optimize battery performance and energy storage;

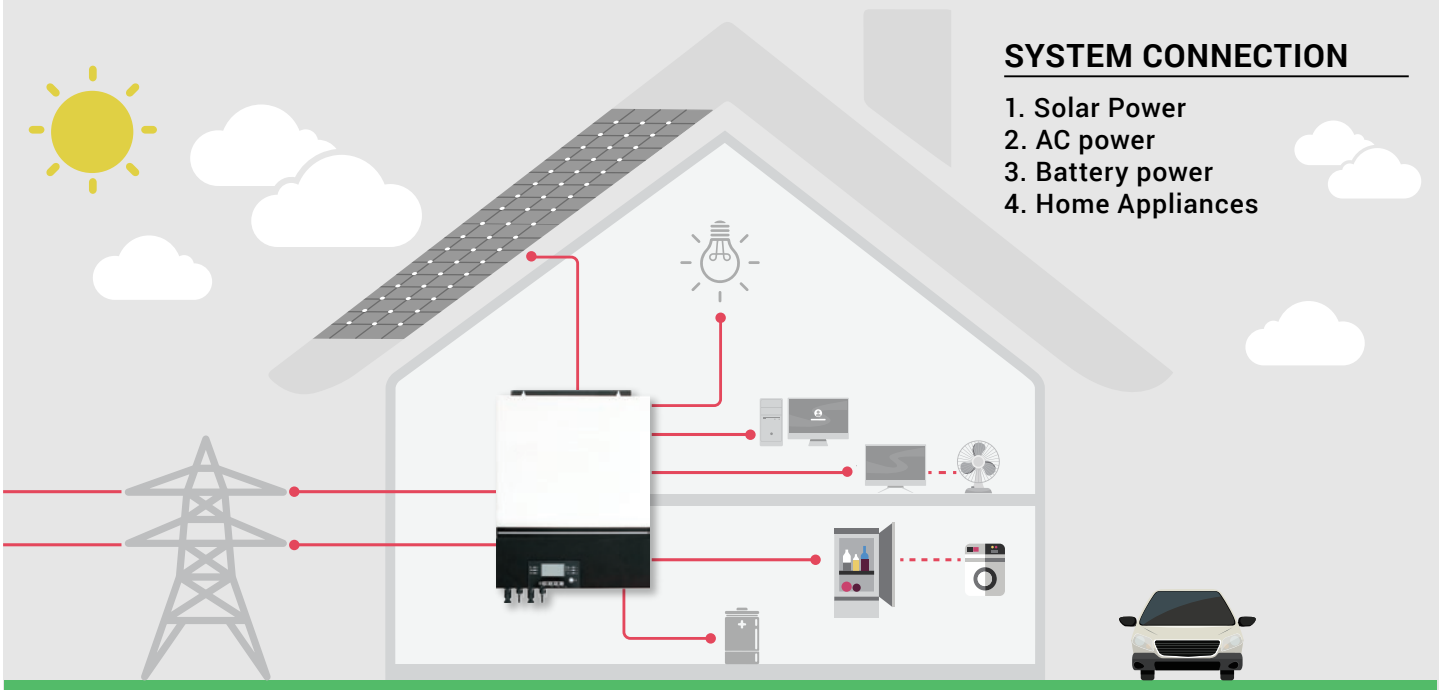
b) Higher efficiency for energy storage to save power and extend battery life.

6. Expandable system

a) Can be used in parallel with up to 6 units for maximum economic benefits;

b) Scalable system for future expansion.

System Connection & Overview



SYSTEM CONNECTION

1. Solar Power
2. AC power
3. Battery power
4. Home Appliances

OVERVIEW

1. RGB Light
Different color to present output source from PV, Grid, or battery and battery charge / discharge status.

2. Diverse communications
USB On-the-Go function,
Dry contact and BMS communication.

3. Anti-dust filter
Increase product reliability in harsh environment.

4. Communication for Remote panel

5. Parallel connectors
Maximum 6 units in parallel.

Specifications

» Model No.	HY-8.0KW-SI	HY-11KW-SI
» Rated Power	8KW	11KW
Input		
» Voltage	230Vac	
» Voltage Range	170~280Vac (For PC), or 90~280Vac (For Home Appliance)	
» Frequency Range	50/60HZ (Auto sensing)	
Output		
» AC Voltage Regulation (Battery Mode)	230Vac±5%	
» Overload Protection	5s=150% load&10s@110%-150% Load	
» Efficiency (Peak)	0.93	
» Transfer Time	10 ms typical (UPS); 20 ms typical (Appliance)	
» Wave Form	Pure Sine Wave	
» No Load Power Consumption	<70W	<85W
» DC Output	12VDC±5%, 100W	
Battery		
» Battery Type	Lithium battery, lead acid battery	
» Battery Voltage	48VDC	
» Floating Charge Voltage	54VDC	
» Overcharge Protection	66VDC	
» Cold Start Voltage	46VDC	
Solar Charger & AC Charger		
» Solar Charger Type	MPPT	
» Max PV Array Open Circuit Voltage	500VDC	500VDC
» Max PV Array Power	8000W (4000W × 2)	11000W(5500W × 2)
» MPPT Range @ Operating Voltage	120~450VDC	120~450VDC
» Nominal PV Voltage	240VDC	360VDC
» Maximum Solar Charge Current	120A	150A
» Maximum AC Charge Current	120A	150A
» Maximum Charge Current	120A	150A
Physical		
» Communication Interface	USB / RS232 / RS485 / BMS / Wi-Fi / Dry-Contact	
» Working Humidity	5%~95% Relative Humidity (Non-condensing)	
» Operation Temperature	Minus 10Degree to 50 Degree	
» Storage Temperature	Minus 15Degree to 60 Degree	
» Dimension (L × w × H)mm	148 × 433 × 554mm	
» N/M(kgs)	18.5kgs	

13 HOME SOLAR CARPORT SOLUTION

Feature

1. Cost savings
With a solar carport system, you can generate your own electricity to power your home and charge your electric vehicle. This can lead to significant cost savings on your energy bills, as you'll be relying less on electricity from the grid.

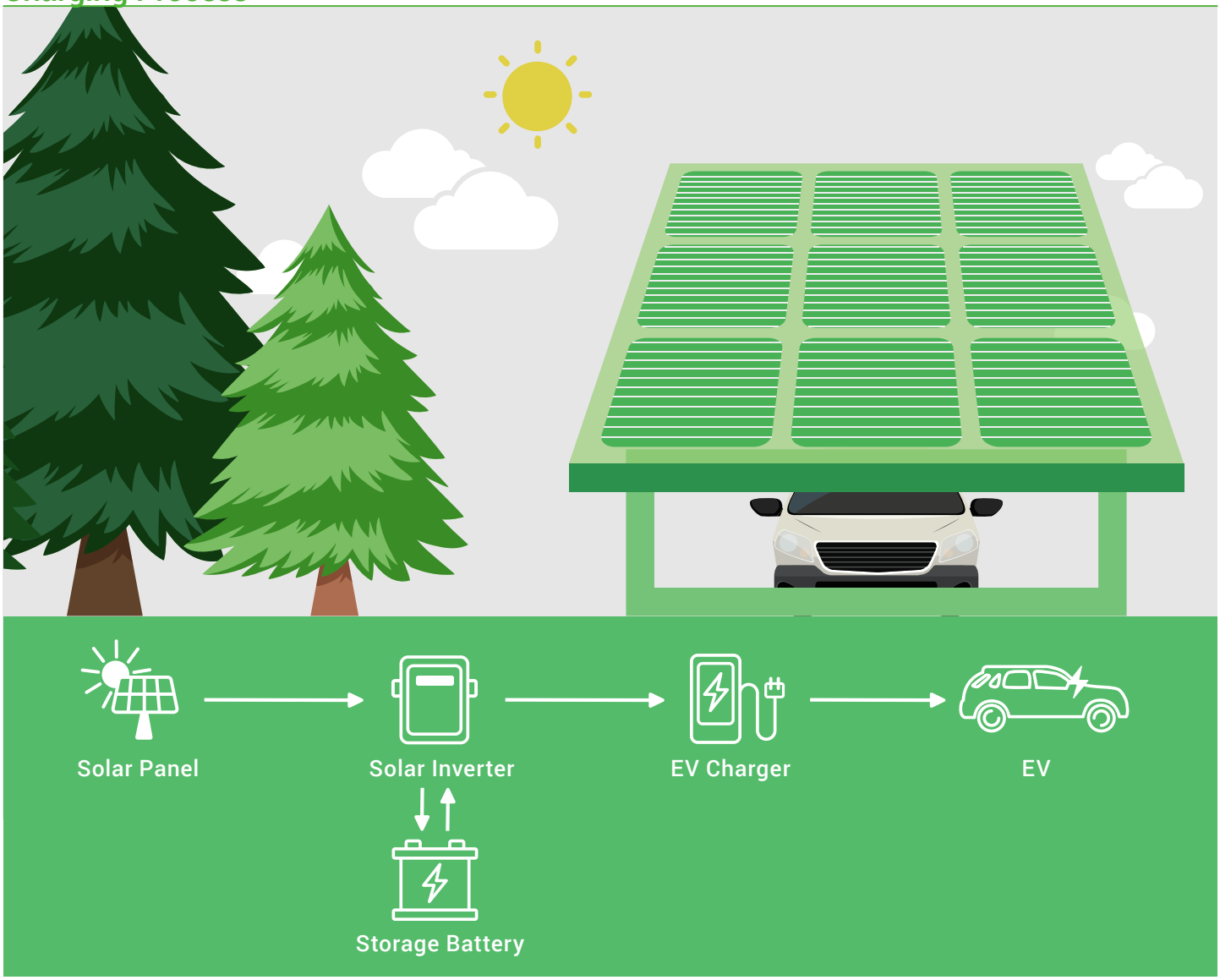
2. Sustainability
Using solar energy to power your EV is an environmentally friendly alternative to traditional fossil fuels. By using a solar carport, you can reduce your carbon footprint and contribute to a cleaner, more sustainable planet.

3. Reliability
With the combination of solar panels and a battery storage system, solar energy is not wasted, and your electric vehicle can be charged even during power outages or lack of sunlight. This ensures you can continue to use your electric car without any disruptions.

4. Easy Installation
The system is highly integrated and pre-installed, making the installation process quick and easy. Simply stand up the bracket and screw in a few screws, and you're ready to go.

5. Convenience
Having a home EV charging solar carport system means that you can charge your vehicle at home, at any time, without having to worry about finding a charging station or waiting in line.

Charging Process

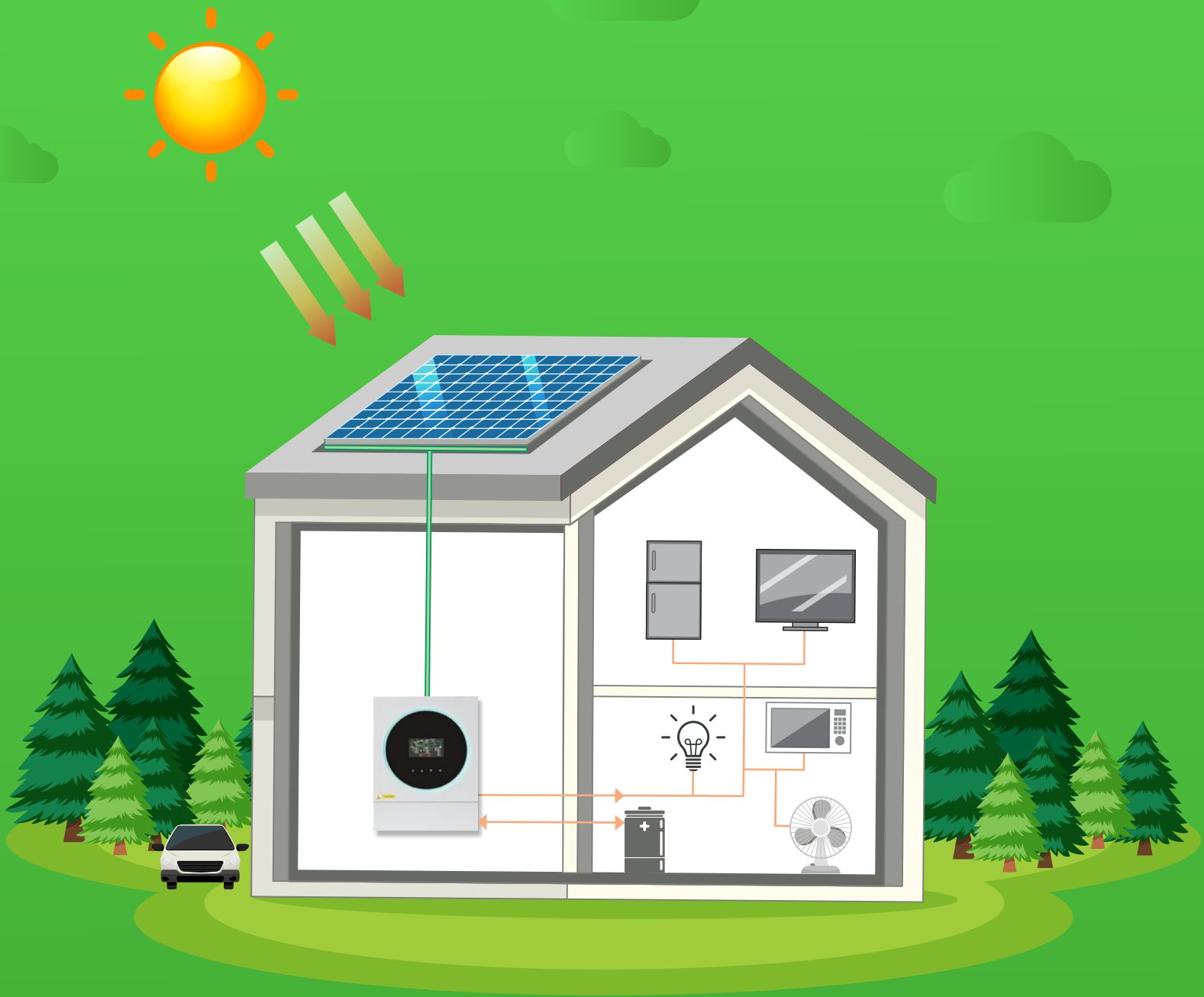


Visit our Website at: www.hysunpower.com
email: info@hysunpower.com

Specifications

Solar Panels	» Cell:	Monocrystalline PERC
	» Backplate:	High Weather Resistance
	» Frame:	Anodic Alumina profile
	» Maximum Power-Pm(W):	100~1000W
	» Conversion Efficiency:	20%
	» Panel Size:	Customized
Solar Inverter	» Multi-function inverter:	Solar Inverter/Solar Charger/Battery Charger /AC Charger
	» Rated Power:	3.6KW, 5.6KW, 8KW, 11KW, Customized
	» Parallel function:	Available
	» Voltage Range:	90~280Vac
	» Wave Form:	Pure Sine Wave
	» Efficiency	93%
Storage Battery	» Battery Capacity:	2.4KWh, 4.8KWh 7.2KWh, 9.6KWh, Customized
	» Battery Type:	LiFePO4
	» Working Voltage:	40~58.4V
	» Working Temperature(Charging):	0°C~55°C
	» Working Temperature(Discharging):	Minus 22°C~55°C
	» Mounting Solution:	Wall-mounted; Rack-mounted
EV Charger	» Rated Power:	7KW, 11KW, 22KW
	» Power Supply:	1 Phase, 3 Phase
	» Rated Current:	8 ~32A
	» Input Voltage:	230V±10% ; 380V±10%
	» Power Plug:	CEE, Hardwired, Customized
	» Charging Plug:	Type 1, Type 2, GBT
Others	» Mounting Structure:	Customized
	» AC cabinet:	AC breaker, switch lighting protection, Customized, ect
	» PV Cables:	Customized
	» AC Cables:	Customized
	» Protection & Cable Pipe:	Customized
	» Project Design (Electrical + structure):	Customized
	» Installation Guide:	24/7 online service

14 HOME USE SOLAR POWER SOLUTION



Feature

1. Energy security

With a solar power system, you have a reliable and consistent source of electricity for your home.This can provide energy security in times of power outages or natural disasters, as you will still have access to electricity to power essential appliances.

2. Flexibility

A home use solar power system can be customized to fit your specific energy needs, whether you need to power just a few appliances or your entire home. This flexibility allows you to design a system that meets your energy needs and budget.

3. Long-term savings

While the initial investment in a solar power system can be significant, over time, the cost savings can add up.

A solar power system can generate electricity for your home for 25 years or more, providing long-term cost savings and a return on your investment.

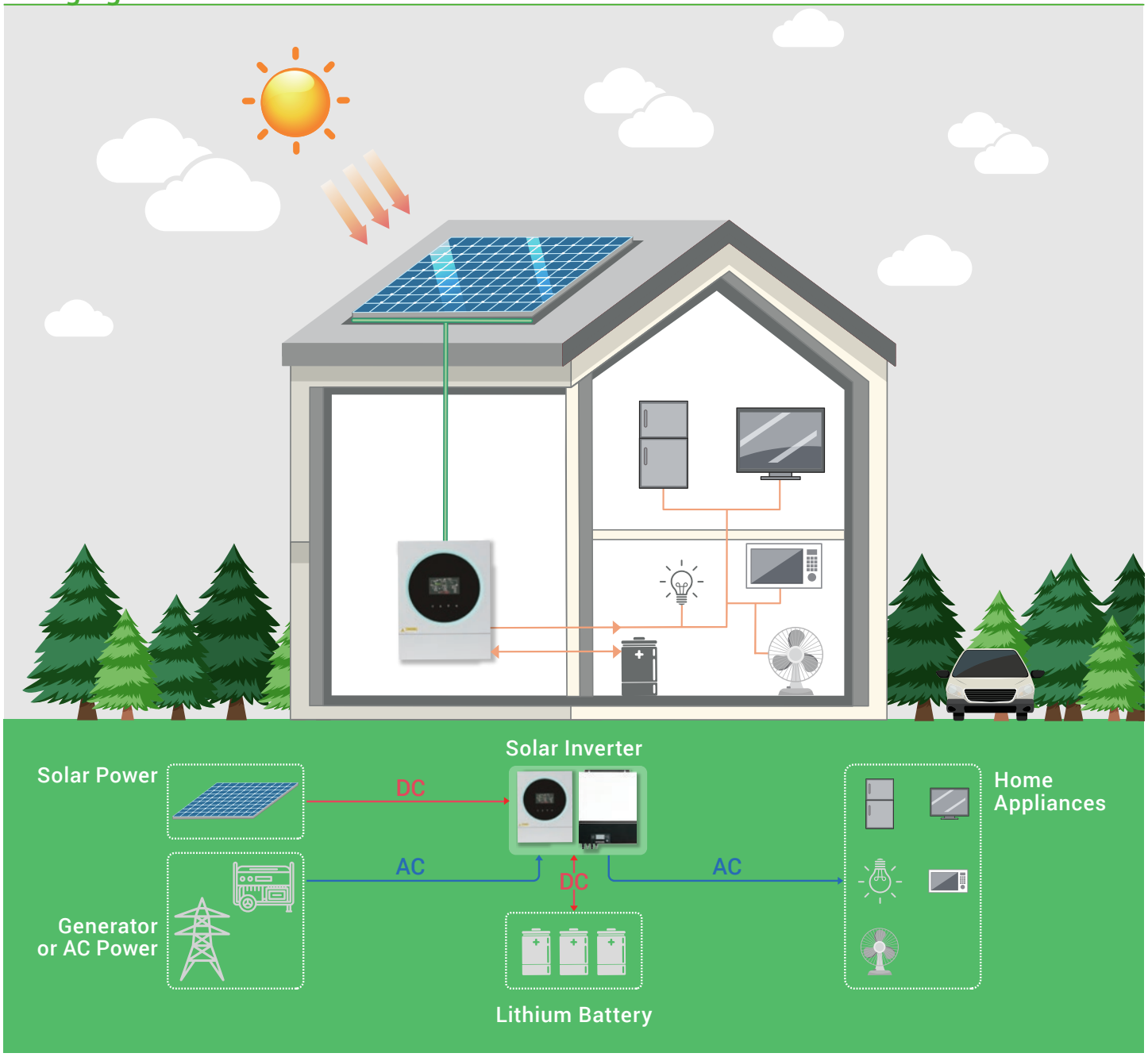
4. Incentives and rebates

Depending on where you live, there may be incentives or rebates available for installing a solar power system in your home. These incentives can help offset the initial cost of installation, making solar power more affordable for homeowners.

5. Low carbon footprint

Solar power is a clean and renewable energy source that produces no greenhouse gas emissions. By using solar power in your home, you can reduce your carbon footprint and contribute to a more sustainable future.

Charging Process



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Specifications

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	» Frame:	Anodic Alumina profile
	» Maximum Power-Pm(W):	100-1000W
	» Conversion Efficiency:	20%
	» Panel Size:	Customized
Solar Inverter	» Multi-function inverter:	Solar Inverter/Solar Charger/Battery Charger /AC Charger
	» Rated Power:	3.6KW, 5.6KW,8KW,11KW, Customized
	» Parallel function:	Available
	» Voltage Range:	90~280Vac
	» Wave Form:	Pure Sine Wave
	» Efficiency	93%
Storage Battery	» Battery Capacity (KWH):	2.4KWh, 4.8KWh, 7.2KWh, 9.6KWh, Customized
	» Battery Type:	LiFePO4
	» Working Voltage:	40~58.4V
	» Working Temperature(Charging):	0°C~55°C
	» Working Temperature(Discharging):	Minus 22°C~55°C
	» Mounting Solution:	Wall-mounted; Rack-mounted
EV Charger	» Rated Power:	7KW, 11KW, 22KW
	» Power Supply:	1 Phase, 3 Phase
	» Rated Current:	8~32A
	» Input Voltage:	230V±10% ; 380V±10%
	» Power Plug:	CEE, Hardwired, Customized
	» Charging Plug:	Type 1, Type 2, GBT
Others	» Mounting Structure:	Customized
	» AC cabinet:	AC breaker, switch lighting protection, Customized, ect
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