

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: 3×2.5MM2+0.5MM2(16A); 3×6.0MM2+0.5MM2(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

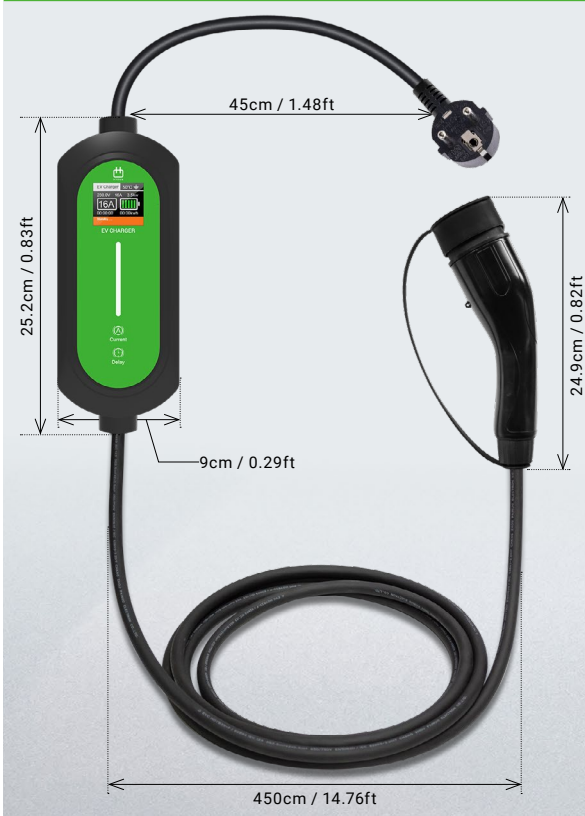
- » Second Level over current protection ; Residual current protection
- » Relay Sticking protection ; Surge protection; Ground protection
- » Over/Under voltage protection ; Over/Under frequency protection
- » Over temp protection; Leakage protection Type B (AC 30mA+ DC6mA)

Dimension & Package

- » Control Box Size: L252 * W90 * H57mm
- » Cable Length: 4.5Meter / Customized
- » Inner Box: L35 * W33 * H14cm
- » Outer Carton: L68 * W37 * 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	68cm × 37cm × 36cm	68cm × 37cm × 36cm
Gross Weight	16.5kg / 36.38lbs	20kg / 44.09lbs
Qty./ctn.	6 pieces	6 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

