Solar Energy

YCP2 Portable EV Charger





General

This portable EV charger is designed in accordance with IEC/EN 62752 and EN 61851-1 standards and complies with CE regulations, suitable for home, in-vehicle and outdoor charging scenarios in the EU.

The control box is IP66 dustproof and waterproof, unfazed by harsh outdoor environments; the whole unit is UL94-V0 flame-retardant, effectively preventing fire risks.

It features six-fold safety protection (over-temperature protection, over-current protection, over-voltage protection, EMC protection, leakage protection, ground detection protection), with real-time monitoring and automatic power-off upon fault, ensuring safety and control throughout.

Portable, versatile, compliant and stable, the product is compatible with mainstream new-energy vehicle models in the EU, and is a dedicated safe charging device for home and outdoor use.

Supports Tuya WiFi function.

Type designation

YCP2-T2-116
YCP2-T2-132

Company Code	Product Series	Product Standard	Power Supply	Power Supply
YC	P2	T2	1	1
Company Code	P1, P2, P3... Portable EV Charger Series	T1:US standard plug T2:EU standard plug	1:Single-phase 3:Three-phase	1:Single-phase 3:Three-phase

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Technical data

	Electrical Parameters	
Model	YCP2-T2-116-T2	YCP2-T2-132-T2
Rated current	16A	32A
Power	3.5kW	7kW
Rated input voltage	230VAC	
Rated output voltage	230VAC	
Standby power consumption	<3W	
Insulation resistance	>10MΩ	
Dielectric strength	2000VAC/1 min/≤10mA	
Impulse withstand voltage	±2.0KV	
	Mechanical Data	
Service life	≥10000 times	
	Environmental Conditions	
Operating temperature/humidity	-40°C~+50°C/5%~95%	
Storage temperature	-40°C~+80°C	
Operating altitude	<2000 m	
	Protection Rating / Protection Functions	
Protection rating	Charging gun: IP54, Control box: IP66	
Flame retardant rating	UL94-V0	
Safety protection	Over-temperature protection, over-current protection, over-voltage protection, EMC protection	
	Additional Functions	
Tuya WiFi	Supported	
Leakage protection	Supported	
Ground detection protection	Supported	
Status display	Supported	
Current adjustment	Supported	