

# Product data sheet

WISSENERGY

Specifications

## WB20-C-11KW CE standard series AC charger for electric vehicles



This is a basic wall-mount charger majorly suit for residential. It is easy to install, stable in performance, and has a complete protection mechanism. The touch screen is able to show the detailed charging status and it can be operated directly.

### Electrical Specification

Input Voltage/Output voltage	400V (Three Phase)
Input frequency	50Hz /60Hz
Max. output power	11kW
Max. output current	16A
Charging interface type	IEC 62196-2, SAE J1772

### Working Environment

Environment temperature	-25°C ~ +55°C
Relative humidity	5%-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling

### Function and Accessory

LCD	Color Touchable Screen
RCD	Type A+ 6mA
LED Indicator light	Yes
Intelligent power adjustment	Yes
RFID	OPT.
APP	OPT.

### Certificate

CE  
RoHS

Appearance material	Product name	WB20 EV AC
	Color of shell	Creamy white or customized
	Shell material	ABS+PC Plastic
	Cable Inlet and Outlet method	Inlet cable to box bottom, Outlet cable from box bottom
	Charging interface	Charging Connector
	External Dimension of EV supply equipment	347*217*74mm
	Weight	7KG
Electrical indicators	Input voltage	400V AC
		(A phase, B phase C phase, Neutral, PE)
	Input current	16A
	Frequency	50Hz /60Hz
	Maximum power	11KW
	Metering function	YES
	Measuring accuracy class	2
	Output voltage	400V AC
	Output current	16A
	Power dissipation	≤10W
	Standard	EN 61851-1:2019
	MTBF	100,000 hours
Environmental indicators	Applicable scene	Outdoor / Indoor
	Operating ambient	-25°C ~ +55°C
	Operating Humidity	5% ~ 95%
	Elevation above sea level	< 2000m
	IP Class	IP66
Safety protection	Over-voltage protection	YES
	Under-voltage protection	YES
	Overload protection	YES
	Short circuit protection	YES
	Leakage protection	YES
	Ground protection	YES
	Over temperature	YES
	Lightning	YES
Human-Computer Interaction	LED light	YES
	Color display	YES
	RFID	Opt.
	APP	Opt.

## PROTECTION



Over Voltage Protection



Under Voltage Protection



Over Load Protection



Short Circuit Protection



Earth Leakage Protection



Over-temp Protection



Lightning Protection