# Product data sheet

Specifications

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



This charger has a wide range of applications and is suitable for residentials, apartments buildings, and workplace. 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**

Rated Voltage 230V
Input frequency 50Hz /60Hz
Output power 7.2kW
Output current 32A

Charging interface type IEC 62196-2

#### Function and Accessory

LCDColor Touch ScreenRCDType A+6mA DCLED Indicator lightYesIntelligent power adjustmentYesRFIDOPT.APPOPT.

### **Working Environment**

Protection degree IP66

Environment temperature -25°C ~ +55°C

Relative humidity 5%-95% non-condensing

Maximum altitude <2000m

Cooling Natural air cooling

#### Certificate

CE IK10
RoHS IP66
FCC UKCA



Product name			
Appearance material         Cable Instant Quites method         ABS = PC Plastic           Cable In et and Quites method         Initial cable to box bottom.           Charging Interface         Charging Connector           External Dimension of EV supply equipment         347/21774mm           Weight         6.3kg           Input current         32A           Frequency         504± /60Hz           Maximum power         7.2kW           Meteoring accuracy diss         2           Output votage         730V           Cutput votage         730V           Cutput votage         730V           Cutput current         32A           Power dissipation         310W           Scandard         EN 61851-12019           MT3F         100,000 hours           Applicable scene         Outdoor / Indoor           Operating Humidity         5% - 95%           Elevition above sea level         +25% - 45%           P6 Cass         P66           Over-violage protection         YES           Selecty protection         YES           Verification protection         YES           Cover imperature         YES           Under voltage protection         YES      <		Product name	WB20 EV AC CHARGER
Appearance material         Cable inlet and Outlet method         Inlet cable to box bottom, Outlet cable from box bottom. Outlet cable from box		Color of shell	Creamy white or customized
Code Interand Outer method   Cutter cable from box bottom	Appearance material	Shell material	ABS+PC Plastic
External Dimension of FV supply eculpment   247-277-74mm   248-24mm   249-277-74mm   249-277-7		Cable Inlet and Outlet method	
Electrical Indicators		Charging interface	Charging Connector
Input voltage			347*217*74mm
Input current   32A   50Hz /60Hz		Weight	6.5kg
Frequency   S0Hz /60Hz	Electrical indicators	Input voltage	230V
Maximum power   7.2kW		Input current	32A
Metering function		Frequency	50Hz /60Hz
Electrical indicators         Measuring accuracy class         2           Output voltage         230V           Output current         32A           Power dissipation         ≤10W           Standard         EN 61851-12019           MTBF         100,000 hours           Applicable scene         Outdoor / Indoor           Operating ambient         -25°C ~ +55°C           Environmental indicators         Operating Humidity         5% ~ 95%           Elevation above sea level         < 2000rm		Maximum power	7.2kW
Output voltage 230V Output current 32A Power dissipation \$10W Standard EN 61851-1:2019 MTBF 100,000 hours  Applicable scene Outdoor / Indoor Operating ambient -25% ~ 155% Operating Humidity 5% ~ 95% Elevation above sea level < 2000m IP Class IP66 Over-voltage protection YES Under-voltage protection YES Overload protection YES Short circuit protection YES Ground protection YES Cover temperature YES Lightning YES Human-Computer Interaction RFID Opt.		Metering function	YES
Output current   32A		Measuring accuracy class	2
Power dissipation		Output voltage	230V
Standard   EN 61851-1:2019     MTBF   100,000 hours     Applicable scene   Outdoor / Indoor     Operating ambient   -25°C ~ +55°C     Environmental indicators   Operating Humidity   5% ~ 95%     Elevation above sea level   < 2000m     IP Class   IP66     Over-voltage protection   YES     Overload protection   YES     Overload protection   YES     Overload protection   YES     Short circuit protection   YES     Cound prot		Output current	32A
MTBF 100,000 hours  Applicable scene Outdoor / Indoor  Operating ambient -25°C ~ +55°C  Environmental indicators Operating Humidity 5% ~ 95%  Elevation above sea level <2000m  IP Class IP66  Over-voltage protection YES  Under-voltage protection YES  Overload protection YES  Short circuit protection YES  Short circuit protection YES  Ground protection YES  Cover temperature YES  Lightning YES  Human—Computer Interaction RFID  Opt.		Power dissipation	≤10W
Applicable scene Outdoor / Indoor Operating ambient -25°C ~ 155°C  Environmental indicators Operating Humidity 5%~95% Elevation above sea level <2000m IP Class IP66 Over-voltage protection YES Under-voltage protection YES Overload protection YES Overload protection YES Short circuit protection YES Ground protection YES Ground protection YES Ground protection YES Under-voltage protection YES Over temperature YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Over temperation YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Over temperation YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Cover temperation YES Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Class IP66 Under-voltage protection YES Elevation above sea level 2000m IP Cla		Standard	EN 61851-1:2019
Operating ambient -25°C ~ 155°C  Environmental indicators Operating Humidity 5%~95%  Elevation above sea level <2000m  IP Class IP66  Over-voltage protection YES  Under-voltage protection YES  Overload protection YES  Short circuit protection YES  Leakage protection YES  Ground protection YES  Ground protection YES  Leakage protection YES  Over temperature YES  Lightning YES  Human—Computer Color display YES  Interaction RFID Opt.		MTBF	100,000 hours
Environmental indicators       Operating Humidity       5% ~ 95%         Elevation above sea level       < 2000m	Environmental indicators	Applicable scene	Outdoor / Indoor
Elevation above sea level < 2000m  IP Class IP66  Over-voltage protection YES  Under-voltage protection YES  Overload protection YES  Short circuit protection YES  Eleakage protection YES  Ground protection YES  Ground protection YES  Leakage protection YES  Over temperature YES  Lightning YES  Human-Computer Interaction RFID  Opt.		Operating ambient	-25°C ~ +55°C
P Class IP66  Over-voltage protection YES  Under-voltage protection YES  Overload protection YES  Short circuit protection YES  Leakage protection YES  Ground protection YES  Ground protection YES  Over temperature YES  Lightning YES  LED light YES  Human-Computer Color display YES  RFID Opt.		Operating Humidity	5% ~ 95%
Safety protection  Safety protection  Over-voltage protection  Overload protection  YES  Overload protection  YES  Short circuit protection  YES  Cound protection  YES  Ground protection  YES  Over temperature  YES  Lightning  YES  LED light  YES  Human-Computer Interaction  REID  Opt.		Elevation above sea level	< 2000m
Safety protection  Safety protection  VES  Short circuit protection  Leakage protection  YES  Ground protection  YES  Ground protection  YES  Ground protection  YES  Cover temperature  VES  Lightning  YES  LED light  YES  Human—Computer Interaction  RFID  Over temperature  Opt.		IP Class	IP66
Safety protection  Short circuit protection  Leakage protection  Ground protection  YES  Over temperature  Lightning  LED light  YES  Human—Computer Interaction  RFID  Over leading protection  YES  YES  YES  Opt.	Safety protection	Over-voltage protection	YES
Safety protection  Leakage protection  Leakage protection  YES  Ground protection  YES  Over temperature  Lightning  LED light  YES  Human—Computer Interaction  RFID  Short circuit protection  YES  YES  YES  YES  Opt.		Under-voltage protection	YES
Safety protection  Leakage protection  Ground protection  Over temperature  Lightning  YES  Lightning  YES  LED light  YES  Human—Computer Interaction  RFID  Opt.		Overload protection	YES
Leakage protection YES  Ground protection YES  Over temperature YES  Lightning YES  LED light YES  Human—Computer Color display YES  Interaction RFID Opt.		Short circuit protection	YES
Over temperature  Lightning  LED light  YES  Human-Computer Interaction  Over temperature  YES  YES  YES  Opt.		Leakage protection	YES
Lightning YES  LED light YES  Human—Computer Interaction RFID Opt.		Ground protection	YES
LED lightYESHuman-Computer InteractionColor displayYESRFIDOpt.		Over temperature	YES
Human–Computer Color display  RFID Opt.		Lightning	YES
Interaction RFID Opt.	Human–Computer	LED light	YES
Interaction RFID Opt.		Color display	YES
APP Opt.		RFID	Opt.
		APP	Opt.



Protection



Protection



Protection





Protection

