

IEC11kW bi-directional DC wallbox



Main Features

- Multi-application: bidirectional power flow for charging and discharging (V2H/V2G)
- Easy to use: backend & smart APP control;
- Wide range of output: up to 920Vdc, applicable to EVs at both 400V and 800V platform
- Enhanced reliability and product lifetime with IP65 high protection class design
- Low noise design: silent mode & automatic fan speed control
- Various comm. methods: Wi-Fi, 4G, Blue-tooth, Ethernet, RS485, etc.
- Remote maintenance: remote diagnosis and OTA



Specifications

Production	
Model number	AD20110EU1993
Country of manufacture/assembly	China
Protective Class	Class I
AC connection	Three-phase, L1+L2+L3+N+PE
Electrical - Charging	
Rated Input AC current	16A rated
Rated Input frequency	50/60Hz
Rated Output power	11kW
Efficiency	≥96% (Peak)
Output voltage range	200 ~ 920Vdc
Max Output DC Current	36.6A
Max DC voltage	920Vdc
Electrical - Discharging	
Input voltage	200 ~ 920Vdc
Max Input DC current	38.5A max
Max Output Apparent power	11kVA
Rated Output Apparent power	11kVA
Max Output Active power	11kW
Rated Output Active power	11kW
Communication	
Wireless comm. methods	4G, Wi-Fi, Blue-tooth
Local comm. methods	Ethernet, RS485, TIC
Backend comm. protocol	OCPP 2.0.1, OCPP 2.1
EV comm. protocol	DIN 70121, ISO 15118-2, ISO 15118-20
Mechanical	
Dimension	352×520×185mm
Weight	29±1kg(packaging not included)
Cooling method	Separate air duct, forced air cooling
Noise	≤55dB (@25°C ambient temp.); ≤45dB in silent mode
Ingress protection	IP65
Environmental	
Operating Temperature	-30 to 50°C
Humidity	5% to 95% no condensation
Altitude	≤3000m above sea level
Protective	
Overvoltage category for all ports	OVC III (AC mains), OVC II (DC mains)
Method of Active Anti-Islanding	Active Frequency Drift