

7kW AC Charger

EVA220-C07K-BS



Advanced

- Real-time scheduled charging with peak-valley price optimization
- Seamless online/offline switching for uninterrupted operation
- Bluetooth control in offline mode, lowering network deployment costs
- Reliable data transmission with breakpoint resume under weak signals



Reliable

- 24+ protection features for comprehensive charging safety
- Emergency stop function configurable
- Zero-crossing switching to prevent arcing and extend lifespan
- High-speed leakage detection for enhanced personal safety
- Tilt detection with automatic upstream power-off
- HTTPS & FTPS encryption for secure data transmission



Compatible

- Orderly charging to ease grid load
- Flexible networking: 4G, Ethernet, Bluetooth
- Ultra-wide voltage range, compatible with more vehicle types
- Multi-platform access for operation and maintenance systems



Convenient

- Lightweight design for easy installation
- Smart O&M management with online OTA upgrades
- Dedicated O&M app to boost service efficiency

Technical Specification

Technical parameters		EVA220-C07K-BS
AC INPUT	AC input voltage range	230Vac±20%
	Frequency range	45-66 Hz
DC OUTPUT	AC output voltage	230Vac±20%
	Output power	7kW
	Output current	32A
	Connector	CCS2
	Cable length	3.5m
OTHERS INFORMATION	Leakage protection (mA)	A+6
	Charging control	Scan QR Code
	Metering and billing	Charge by electric energy
	Indicator light	Power on/off, charging, fault Multi-functional smart lamp
	Ventilation	Natural cooling
	IP level	IP65
	IK level	IK10
	Communication	4G/Bluetooth
	Size (W×D×H)	247×115×361mm
	Weight	<4kg
WORKING ENVIRONMENT	Altitude	≤3,000m
	Working temperature	-30~50°C,
	Storage temperature	-40~70°C
	Relative Humidity	5%~95%
OPTIONS	<input type="checkbox"/> Ethernet <input type="checkbox"/> Card <input type="checkbox"/> 4.3-inch touch screen <input type="checkbox"/> Floor installation kits	