



KEY FEATURES

SAFETY FEATURES

- Support for **A+6** leakage protection
- Fast protection with **AC 30mA**, **DC 6mA**, and **30ms** response time
- Anti-theft electric protection with a security lock feature

SMART CHARGING FEATURES

- Support **100%** sustainable energy, PV charging with the PV system
- Appointment scheduling for low electricity rate periods
- Automatic identification of countries, type of plugs, voltage and current corresponding to these plugs

INSTALLATION FRIENDLY DESIGN

- Easy to set up your charging session with LCD display screen
- Place on the car or hang on the wall
- Support remote firmware upgrade for convenient upgrade maintenance



AC Charger

Type Designation	SiECS-4kW	SiECT-11kW
Adapter	EU-PLUG	165 Red
AC Input and Output		
Input voltage [V]	230	400
Max. Output current [A]	16	
Max. Output power [kW]	4	11
Output voltage [V]	230	400
Input and output frequency [Hz]	50-60	
Protection & Functions		
Over/Under voltage protection	Yes	
Overheating protection	Yes	
Over-current protection	Yes	
Leakage protection	Yes	
Grounding protection	Yes	
Lightning protection	Yes	
Fire and flame protection	Yes	
Antistatic protection	Yes	
Dynamic load balancing	Optional	
General Data		
Control box dimensions [mm]	242*105.5*67.5	
Weight [kg]	4	
Mounting method	Wall-Mounting	
Total length	5.5 meters with charging handle installed	
Impact resistance	Able to withstand 1 meter free fall drop and 2,000kg vehicle crush test without critical damage	
Control box material	PC+PBT, Flame retardance UL94: 5VA	
Handle material	PC+PBT, Copper, silver-plated	
Cable material	Copper + TPU	
Degree of protection	IP66	
Operating ambient temperature range [°C]	-30-50	
Allowable relative humidity range [%]	5-95	
Cooling method	Natural cooling	
Max. operating altitude [m]	2000	
LCD display	1.8 inch LCD screen	
LED indicator	Red/blue	
Communication	RS485	
Charging handle/Connector life cycle	10,000 insertion / removal events (no load)	
Charging port type	IEC 62196 (Type2)	