



# AC Charger (4/11) kW

**FROM GRID TO HOME**



# 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 (4/11) kW

| 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)                                                                               |            |

# FROM GRID TO HOME

Full Range From Power Generation, Transmission, Distribution To

## Energy Storage

### 33 years

With 33 years of experience, specialized in equipment manufacturing and engineering services

### Public Co.

Founded in 1993  
Stock listed in 2004 (SZSE002028)

### US\$5.0 Billion

2025 Turnover

### TOP 3

**Sieyuan** 思源电气  
Electrical Equip. Manufacturer

### 1,000kV

Full range product: 10kV - 1,000kV

### 100+

With 10,000+ employees in 100+ countries and regions

### 22

22 Manufacturing bases



C&I and Residential BESS



**esGrid**

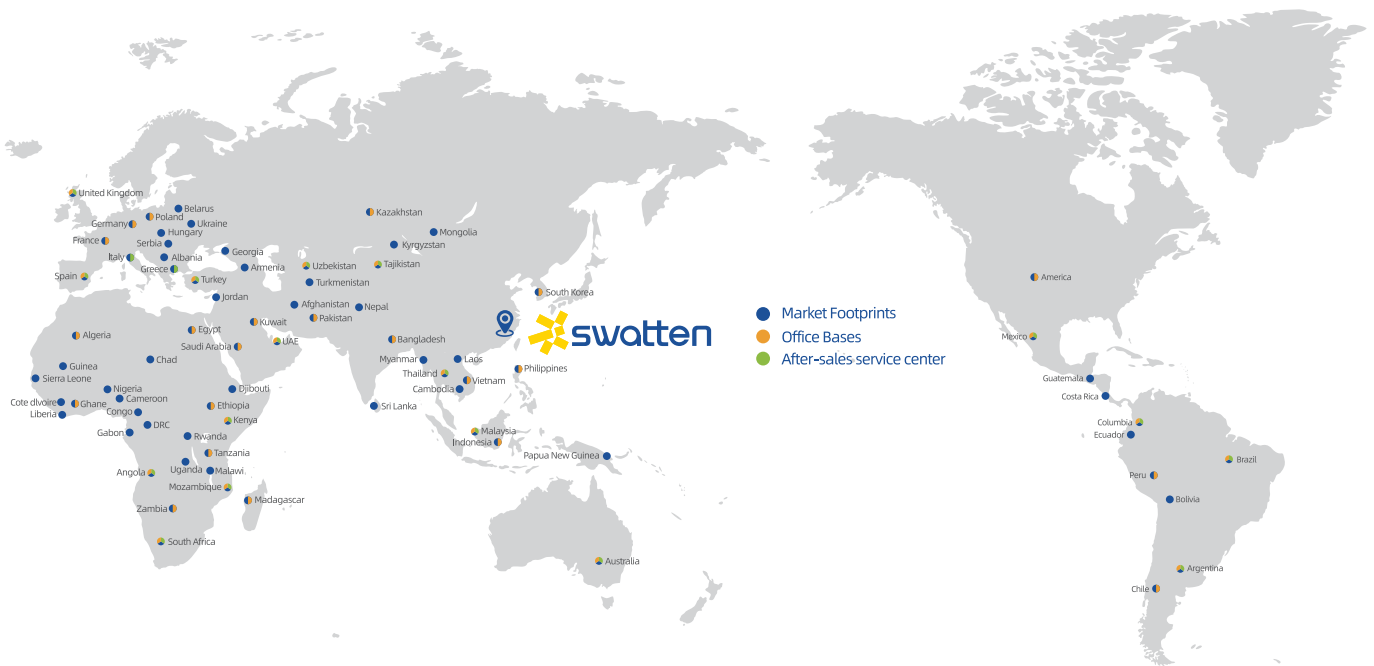
Grid-level energy storage

Sieyuan Utility Scale BESS

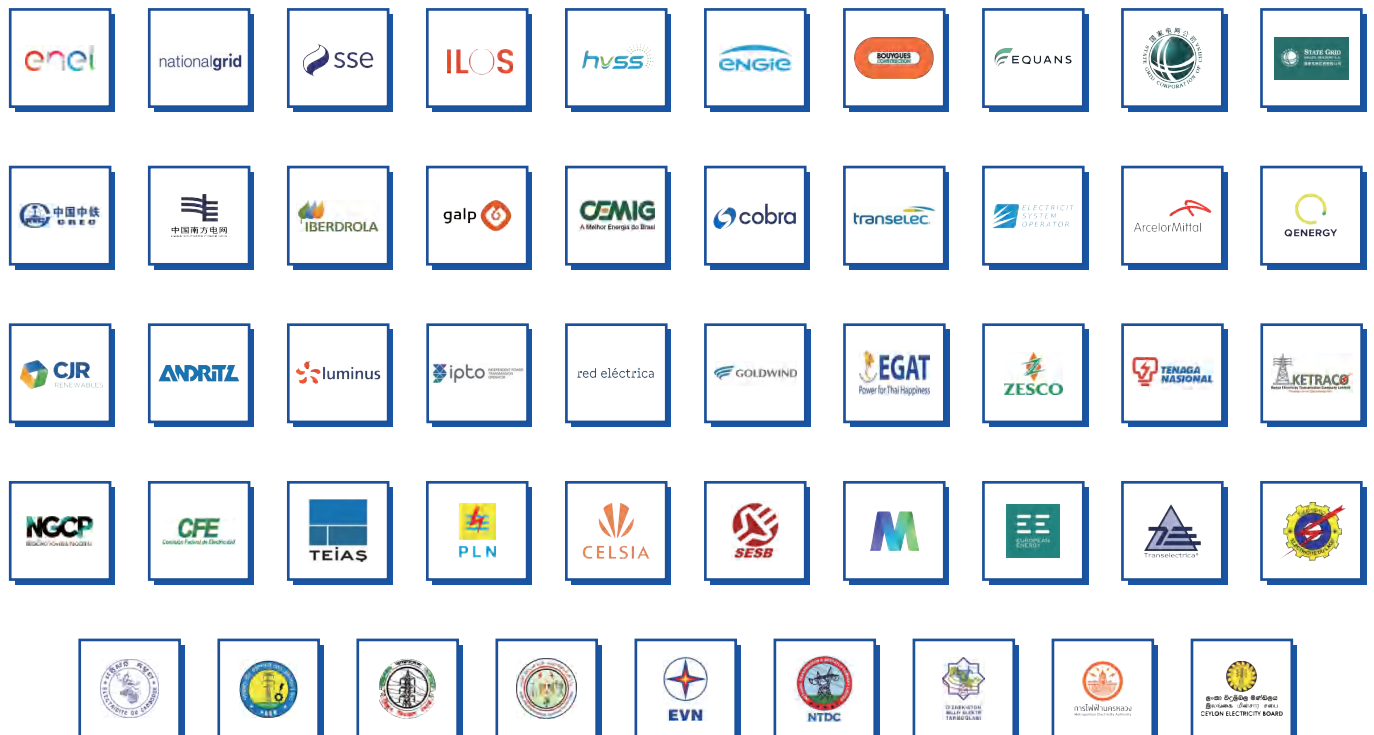




## Global Marketing & Service Layout



## Our Global Clients





## Swatten's Global Cases



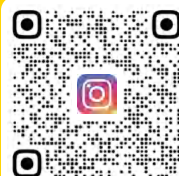
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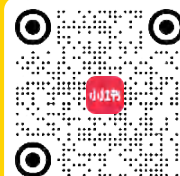
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