

## EV CHARGING STATION



### SMILE-EVCT11

Dimension (H x W x D): 325 x 181 x 87 mm

Weight: 3.2 kg

Operating Temperature: -30 ~ 50 °C

Related Humidity: 15 ~ 90%

Operating Altitude: < 2000 m

AC Rated Voltage: 400 V, 3P+N+PE

Rated Current: 16 A

Frequency: 50/60 Hz

AC Output Voltage: 400 V

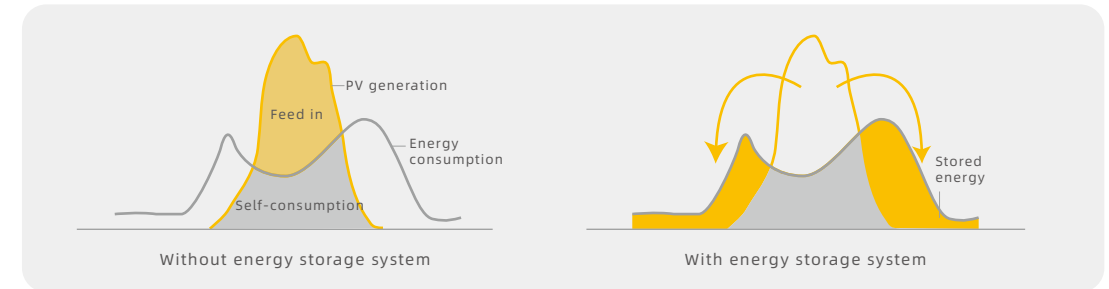
Max. Current: 16 A

Rated Power: 11000 W

- 👍 Easy installation
- 👍 Light and durable
- 👍 Key card identifiable
- 👍 Vertical & wall-mounted
- 👍 Preset charging available

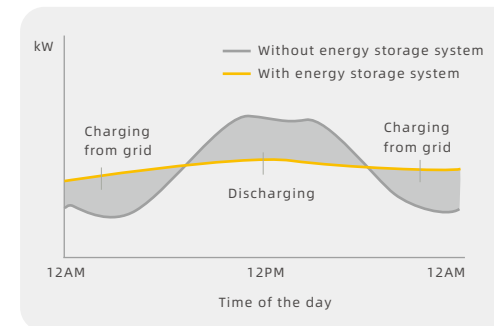
## HOW TO SAVE MONEY

### 1. Self-Consumption Optimization



Store the surplus PV generation in the battery and smartly discharge the energy to match your electricity usage. You can cut electricity bill by minimizing the energy consumption from the grid.

### 2. Load Shifting



#### User-end: Load shifting

Store electricity during off-peak time and shift energy to be used at peak time. You can save money by avoiding electricity peak rate.

#### Transmission & distribution: Peak shaving

Avoid the upgrade of substation and power line to supply the peaks of variable load, where energy storage provides a fast response and emission-free solution.

#### Ancillary services

The combination of several flexible production and consumption units, controlled by a central intelligent system, is the core behind a VPP, which can stabilize the grid by balancing energy supply and demand.

#### Electricity arbitrage

Optimize trading strategies to maximize returns. VPP can utilize the aggregated power to react to changes of the electricity price on the exchanges, quickly adapting to the existing supply of power in the grid, and thus execute trades.

### 3. VPP Revenue

