

SPS 400

Switch

EPS-063000-P00

Commercial Energy Storage - EU

The series products provide a large-capacity of power for commercial or industrial needs.

One is to provide backup power to avoid losses caused by power outages.

Another is to enlarge maximum power capacities in a short time to cover peak loading without over contract capacity.

The most popular one is to balance power demand by storing during light power and low-price period and releasing power during heavy power and high-price period to keep in contract capacity range or save electricity bills.



Product

HIGHLIGHT



Support website backend to manage and monitor ESS system status, including meter, switch, battery, inverter and EV charger.



Automatically switching from on-grid to off-grid when high-price period for saving electricity bills or switching to backup power while power stopping.



Automatically adjust power using from solar or stored battery power to prevent over the contract capacity and extra cost.

Commercial Energy Storage - Switch

Series / Model Name	SPS 400 / EPS-063000-P00
Grid port	
Wire connection	L1+L2+L3+N+PE, three-phase
Grid voltage / frequency	230 / 400 Vac, 50/60 Hz
Rated current	AC 630 A
Auto on/off-grid switching	Supported manual and auto switching
AC Port	
Enter breaker	AC 630 A/ 3P x 1
Output branch breaker	AC 250 A/ 4P x 2 and AC 400 A/ 3P x 2
Interface / Communication	
Smart control	Supported website backend
Interface	4G, RS485 - 4 ch, CAN - 2 ch, RJ45 - 2 ch (Ethernet, 10/100Mbps)
General Parameter	
Operation temperature	-20 °C~ +50 °C
Humidity	5 % to 95 % RH, no condensation
Installation altitude	≤2000 m
Mechanical	
Enclosure protection	IP54 / IK10
Cooling	Natural convection
Dimensions (W×H×D)	800 x 2000 x 800 mm
Weight	Approx. 350 kg
Installation method	Ground - mounting
Protection	
Protection function	Breaker auto trip, surge protection Class II,
Detection function	Smoke sensing, automatic switch release
Compliance	
Standards	Safety: IEC 61439-1/-2 EMC: IEC 50665, IEC 62311

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