

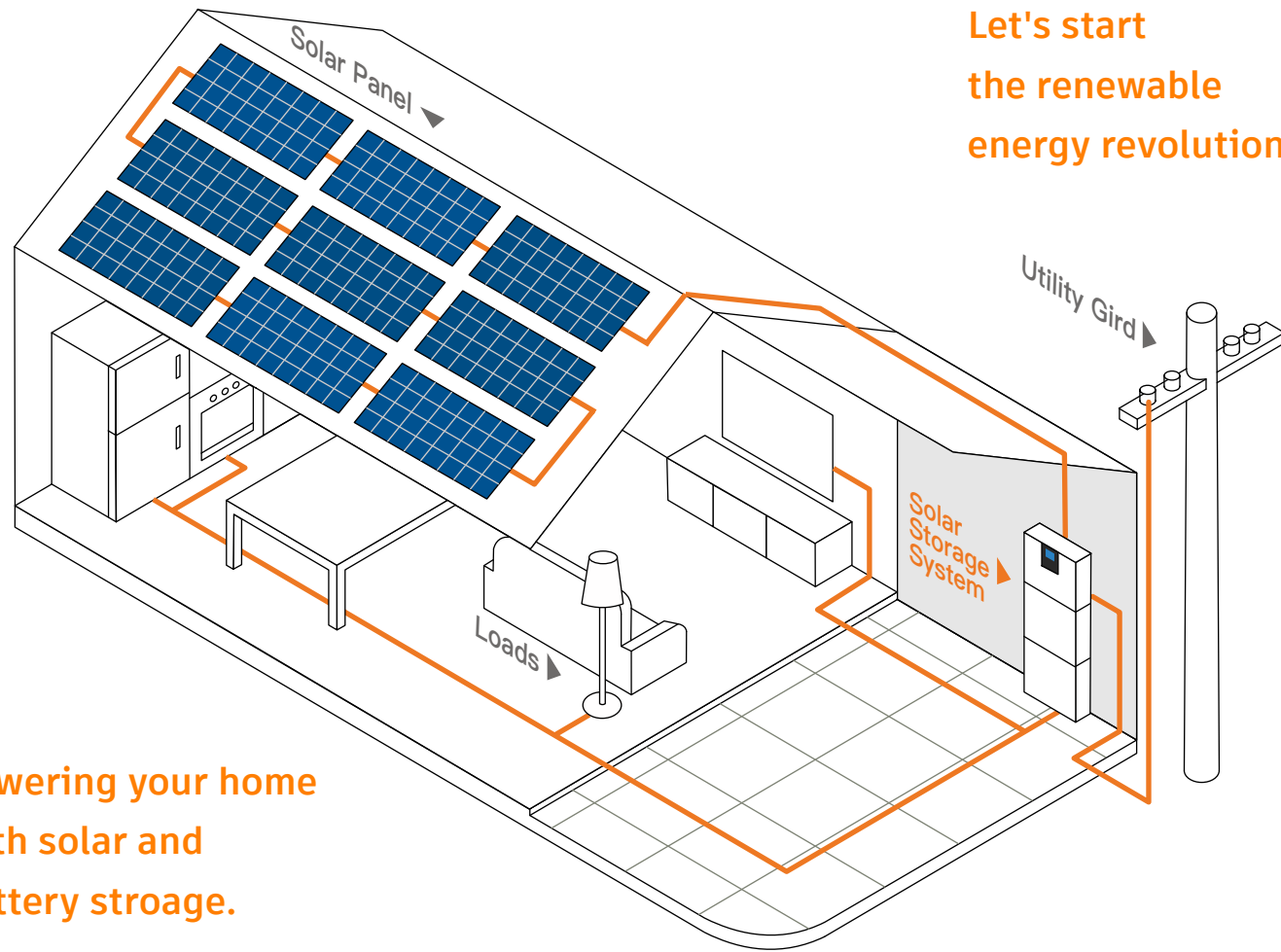
SOLAR STORAGE SYSTEM

For Residential

1/3

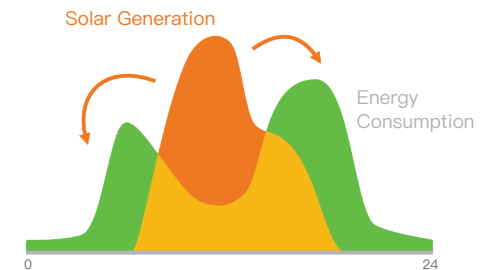
Expert in Solar Energy Storage
Manage and Control

2022



Let's start
the renewable
energy revolution.

Powering your home
with solar and
battery storage.



Safe



Plug&Play



Uninterrupted



Scalable



Efficiency

Solar energy is volatile and does not match the daily peak of electricity consumption, so we need **Solar Energy Storage System** to regulate the energy distribution and convert solar energy into stable AC energy.

■ FOR RESIDENTIAL

NEW!



EOS series

Wall-Mounted Storage Battery



EOV series

Vertical Storage System



EOH series

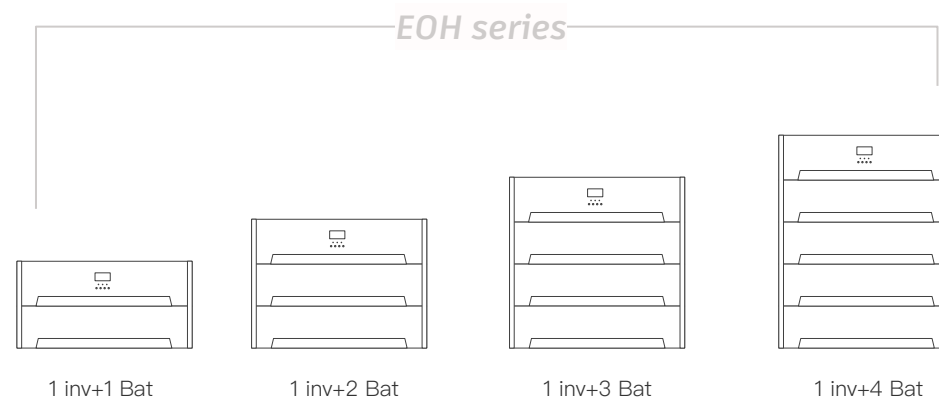
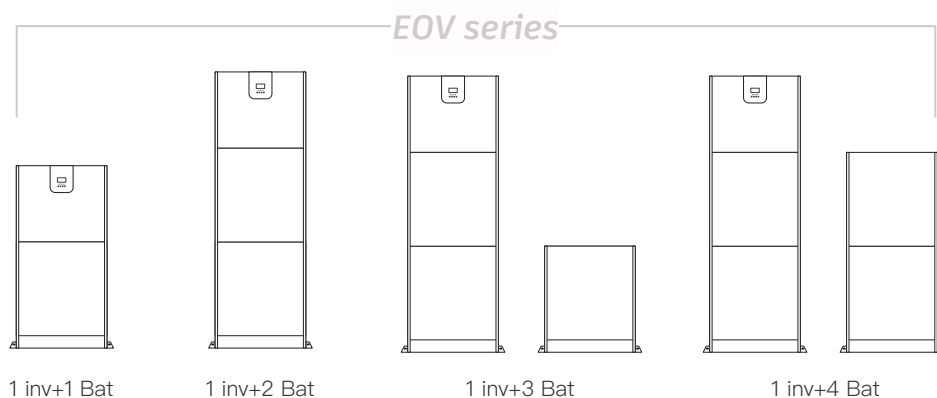
Horizontal Storage System

QUICK SELECTION GUIDE

Solar Storage System *(inv+bat integrated)*

Model	Rated Output Voltage ¹	3.5kW+5kWh	3.5kW+10kWh	5kW+5kWh	5kW+10kWh	5kW+15kWh	5kW+20kWh
EOV series 24V	230Vac single-phase	1 inv + 1 bat	1 inv + 2 bat	/	/	/	/
EOV series 48V	120Vac single-phase	/	/	1 inv + 1 bat	1 inv + 2 bat	1 inv + 3 bat	1 inv + 4 bat
	230Vac single-phase	/	/				
EOH series 48V	120Vac single-phase	/	/				
	230Vac single-phase	/	/				

Output Voltage Range : 120V (100/105/110/120Vac)
230V (200/210/220/230/240Vac)



Solar Storage Battery

Model	Rated Battery Power	5.12kWh	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh	40.96kWh	51.08kWh	61.32kWh
EOS series 48V-5kWh	5.12kWh	1 unit	2 units	3 units	4 units	5 units	6 units	/	/	/
EOS series 48V-10kWh	10.24kWh	/	1 unit	/	2 units	/	3 units	4 units	5 units	6 units

EOV series 24V



INVERTER

ITEMS	EOV24-3.5S-C
Rated AC Output Power	3,500W
Rated AC Output Voltage	230Vac
Rated AC Output Frequency	50/60Hz
Max.PV Open Circuit Voltage	500Vdc
MPPT Voltage Range	120~450Vdc
Max.PV Input Power	4,000W
Num. Of MPPT	1

BATTERY

ITEMS	EOV24-5.0S-E
Battery Energy	5.12kWh
Battery Type	Li-ion
Rated Battery Voltage	25.6V
Battery Capacity	200Ah
Max.Charging Current	150A (0.75C)
Max.Disharging Current	150A (0.75C)
Depth of Discharging	80%
Parallel Capacity	1-2
Life-Span 80%DOD	5000

GENERAL

ITEMS	EOV24-5.0S-S
Installation Method	Horizontal
Noise	<60dB
Nominal Operation Altitude	<2000m
Communication	RS485/CAN/WIFI
IP Grade	IP20
Dimension (Inverter)	600*184*500mm
Weight (Inverter)	30kg (66lb)
Dimension (Battery)	600*184*610mm
Weight (Battery)	70kg (154lb)

EOV series 48V



INVERTER

ITEMS	EOV48-5.0S-C	EOH48-5.0U-C
Rated AC Output Power	5,000W	5,000W
Rated AC Output Voltage	230Vac	120Vac
Rated AC Output Frequency	50/60Hz	50/60Hz
Max.PV Open Circuit Voltage	500Vdc	500Vdc
MPPT Voltage Range	120~450Vdc	120~450Vdc
Max.PV Input Power	5,000W	5,000W
Num. Of MPPT	1	1

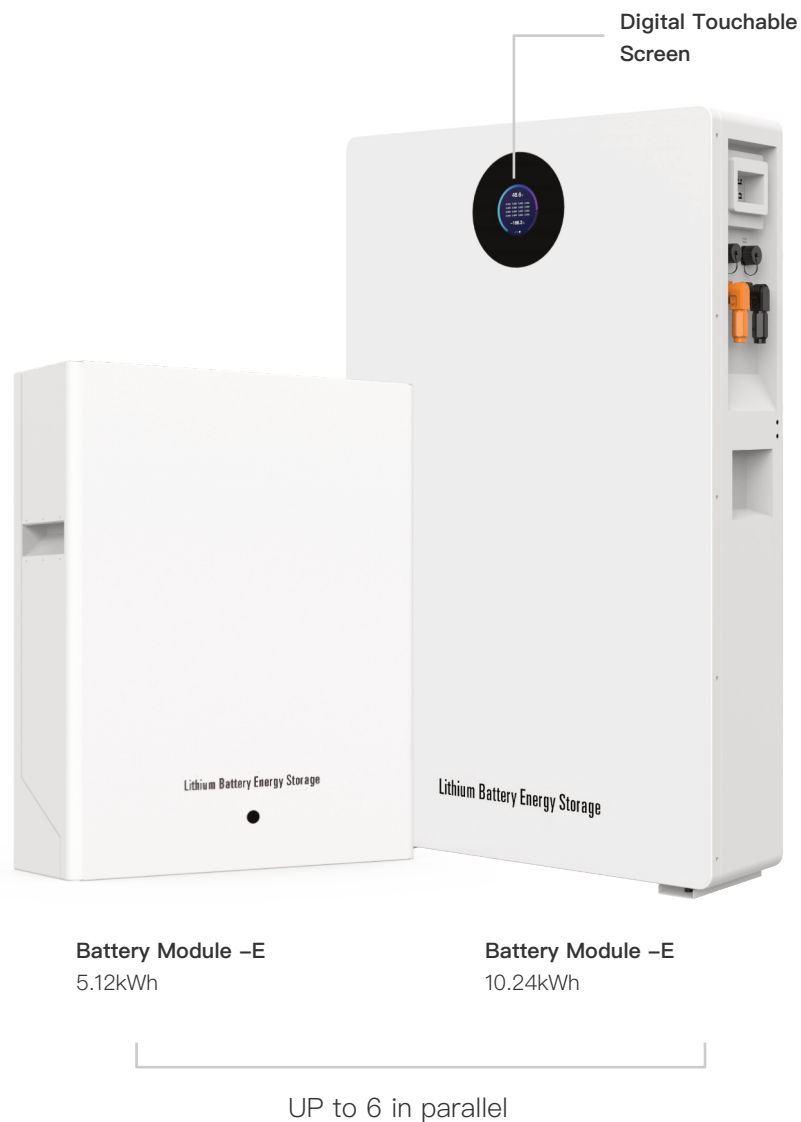
BATTERY

ITEMS	EOV48-E
Battery Energy	5.12kWh
Battery Type	Li-ion
Rated Battery Voltage	51.2V
Battery Capacity	100A
Max.Charging Current	100A (1C)
Max.Disharging Current	100A (1C)
Depth of Discharging	80%
Parallel Capacity	1-4
Life-Span 80%DOD	6000

GENERAL

ITEMS	EOV48-S
Installation Method	Horizontal
Noise	<60dB
Nominal Operation Altitude	<2000m
Communication	RS485/CAN/WIFI
IP Grade	IP20
Dimension (Inverter)	600*184*500mm
Weight (Inverter)	30kg (66lb)
Dimension (Battery)	600*184*610mm
Weight (Battery)	60kg (132lb)

EOS series 48V



BATTERY

ITEMS	EOS48-5.0S-E	EOS48-10.0A-E
Battery Energy	5.12kWh	10.24kWh
Battery Type	Li-ion	Li-ion
Rated Battery Voltage	51.2V	51.2V
Battery Capacity	100Ah	200Ah
Max.Charging Current	100A (1C)	150A (0.75C)
Max.Disharging Current	100A (1C)	200A (1C)
Depth of Discharging	80%	80%
Parallel Capacity	1-6	1-6
Life-Span 80%DOD	6000	6000

GENERAL

ITEMS	EOS48-5.0S-E	EOS48-10.0A-E
Installation Method	Wall-mounted	Wall-mounted
Communication	RS485/CAN/WIFI	RS485/CAN/WIFI USB/Bluetooth
IP Grade	IP54	IP65
Dimension (1 Battery)	710*450*192mm	1014*620*191mm
Weight (1 Battery)	46kg (101lb)	120kg (264lb)

EOH series 48V



INVERTER

ITEMS	EOH48-5.0S-C	EOH48-5.0U-C
Rated AC Output Power	5,000W	5,000W
Rated AC Output Voltage	230Vac	120Vac
Rated AC Output Frequency	50/60Hz	50/60Hz
Max.PV Open Circuit Voltage	500Vdc	500Vdc
MPPT Voltage Range	120~450Vdc	120~450Vdc
Max.PV Input Power	5,000W	5,000W
Num. Of MPPT	1	1

BATTERY

ITEMS	EOH48-5.0S-E
Battery Energy	5.12kWh
Battery Type	Li-ion
Rated Battery Voltage	51.2V
Battery Capacity	100Ah
Max.Charging Current	100A (1C)
Max.Discharging Current	100A (1C)
Depth of Discharging	80%
Parallel Capacity	1-4
Life-Span 80%DOD	6000

GENERAL

ITEMS	EOH48-S
Installation Method	Horizontal
Noise	<60dB
Nominal Operation Altitude	<2000m
Communication	RS485/CAN/WIFI
IP Grade	IP20
Dimension (1 Inverter)	710*450*192mm
Weight (1 Inverter)	27kg (60lb)
Dimension (1 Battery)	710*450*192mm
Weight (1 Battery)	53kg (117lb)