

Remote Areas / Islanded Microgrid



Environmental location is inferior, power outages, disasters come, easy to become a power island?!

Microgrid system with solar photovoltaic and energy storage
Disaster prevention green energy microgrid to keep power flowing in remote areas affected by disasters!

EDO

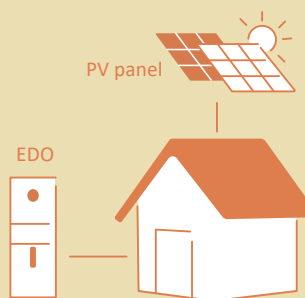


Storing excess PV power

Clean Green Energy without Pollution



When the power is cut off, the small energy storage will immediately supply power to maintain the uninterrupted power consumption of important electrical appliances, so it can maintain communication with the outside world during disasters! Combined with the intelligent management system, it can achieve the goal of energy saving, create a sustainable environment, and integrate with ESG.



Compatible w/
solar equipment



IP65- Outdoor



ESG Environmental protection

Pure Energy

Solar Energy
Storage Energy System
Self-consumption
optimization



Emergencies use

Communications for
Power outage



Perpetual education

Course experience
green energy
and environmental
protection



Supply power w/
renewable energy

Remote Areas Microgrid

With ESS storing Power, Providing basic lighting, Communication and Electricity needs for people's livelihood, and avoid Disasters cause power outages



Product Specifications

EDO 5.0 HU

Dimensioni (W×H×D)mm: 540*590*240mm

Protection Degree: IP65

AC OUTPUT PARAMETER

Rated AC output power : 230Vac

Output frequency range : 50 / 60Hz(±5Hz)

Max. Power Output to Utility Grid 3680W 4999W : 4999W

Power Factor (cos Φ) : (0.9leading - 0.9lagging)

SOLAR DC INPUT

Max. PV Input power : 6500W

Max. PV input voltage: 580V

Battery Pack Specification 5.1 BU

Rated Battery Voltage : 5.12kWh

Operating Voltage Range: 44.8~57.6V

IP Protection: IP65

Rated Voltage: 51.2V

Battery Voltage Range : 40~60V

Max. Discharging Current : 80A

Max. Charging Current : 50A

Operating Temperature Range : 0 ~+50 (charge)/
-10 ~+50 (discharge)

Dimension (W×H×D)mm : 540*490*240mm



High-quality after-sales service



Designed For More than 10 Years Of Operation

10.000 cycles of batteries use,



Maintenance

Remotely supports its customers
by connecting to its products via network



Service Center

Direct support to all its customers directly
or through its own partners

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