

EverExceed®
power your applications



**ENERGY STORAGE
SOLUTION**

For Apartment, Bank, Small office etc.

Residential Energy Storage Solution

EverGEN Series

For apartment, home, office, bank, clinic etc. applications

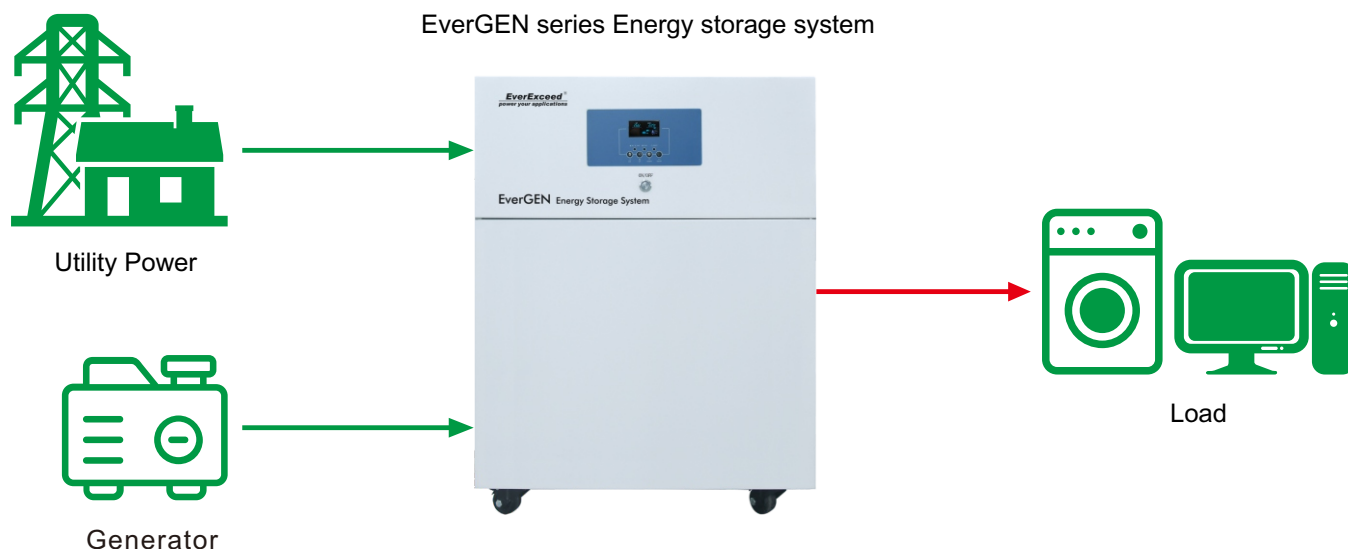
Are you looking for a backup power solution for your apartment, home, small office, clinic, restaurant etc. applications, where the grid connection is not stable and reliable?

Are you looking for a replacement for your portable generator to eradicate the fuel cost, noise pollution and environment pollution with smoke and bad smell?

If you cannot install solar panels due to lack of proper space or permission, EverExceed has the best Backup energy storage solution to solve all of your problems.

Application

- Home, apartment or villa;
- Shops and groceries for small business;
- Small office or enterprise;
- Bank, ATM or financial institute;
- Clinic, health care or medical centers;
- School or baby care center;



Advantage of the solution:



FASTER CHARGING

This solution is consist of High quality EverExceed LDP Series Lithium battery which can be charged fully 4-5 times faster than the traditional lead acid batteries (within 3 hours), so whenever the grid comes back it gets ready to support you for the next blackout immediately.



LONG BACKUP WITH MINIMUM SWITCHING TIME

This solution can provide you with long backup time, can be discharged up to 100% capacity without damaging the battery. The less than 20ms switching time ensures uninterruptible operation of your computer, TV or any other appliance.



HIGH QUALITY TRANSFORMER INVERTER

This solution is consist of high quality transformer inverter, ensuring the complete reliability even in worst grid performance. Best solution for places with regular hurricane, storm affected weather, and poor grid connection where cheap inverter will fail easily.



GREEN ENERGY

This solution has absolutely no effect on the environment, completely green energy. No loud noises, no smoke or fume, no fuel smell, no toxic gas release, no acid splash. The outlook is beautiful and clean. The system is small and mobile, can be customized as per the requirement of customer.

EverExceed LDP Series Lithium battery:

- Super long cycle life, >3000cycle @100%DOD, 5-10times more than lead acid battery;
- Fast charging technology, can be fully charged within 3 hours, 4-5 times faster than lead acid battery;
- Smart battery, support optional EverExceed Bluetooth Monitoring, all battery parameters can be checked by the smart APP;
- 98% round trip efficiency, 20% high than lead acid battery, save your energy cost a lot.
- Super safe, using EverExceed special enhanced lithium iron phosphate technology and flame retardant technology, there is no safety risk, no possibility of fire and explosion;
- Super high quality, LDP series battery with CE, UL1642 and UL2054 certification.



High quality Lithium battery
EverExceed LDP Series battery

High Quality transformer inverter:

- High quality copper wire transformer;
- Confirms reliability with supreme switching time of less than 15ms, absolutely no interruption in your computer, tv, refrigerator etc. application ;
- Provides precise service during the most disturbing grid performance.
- Not available in cheap energy storage system inverter.



High Quality transformer of the inverter

Technical specification:

Model	EG3K-5E	EG5K-10E	EG6K-10E	EG8K-15E	EG10K-20E
System Specification					
Rated AC Output Power	3000W	5000W	6000W	8000W	10000W
Surge AC Output Power	6000W	10000W	12000W	16000W	20000W
Output Overload Protection	Load> 120%(60 seconds), Load>150%(1 seconds)				
Energy Capacity Range	5.12kWh	10.24kWh	10.24kWh	15.36kWh	20.48kWh
Battery Type	LiFePO4 (Lead-Acid optional)				
Operating Temperature	Charge: 0°C to 50°C Discharge: -20°C to 60°C				
Storage Temperature	-30°C to 70°C				
Humidity	0~95%(no condensation)				
Altitude	0~2000m				
Noise	< 50dB				
IP Protection	IP21				
Dimensions	W	650mm	650mm	650mm	650mm
	D	400mm	400mm	400mm	500mm
	H	800mm	1080mm	1080mm	1430mm
Inverter Specification					
Rated AC Output Power	3000W	5000W	6000W	8000W	10000W
DC Input Voltage	24VDC	48VDC	48VDC	48VDC	48VDC
AC Input Voltage	75Vac~138Vac; 155Vac~275Vac				
AC Output Voltage	110/120Vac; 220/230/240Vac				
Rated Frequency	50/60Hz				
Max. Charging Current	50A	45A	50A	70A	85A
Power Factor	1.0				
Output Wave Form	Pure Sine Wave				
Transfer Time	< 15ms				
Battery Specification					
Model	LDP 24-200	LDP 48-100	LDP 48-100	LDP 48-100	LDP 48-100
Quantity	1	2	2	3	4
Capacity	200Ah	100Ah	100Ah	100Ah	100Ah
Voltage	25.6V	51.2V	51.2V	51.2V	51.2V
Cycle Life	> 3000 cycles@100% DOD				

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