



All-in-one Energy Storage

50KW/200KWh
AC Coupled

Shenzhen Enershare Technology Co.,Ltd

Tel: 0086-755-28718021 E-mail: wesleyan@enershare.cn

<https://www.enershare.cn>

All-in-one Energy Storage -- AC Coupled

Description:

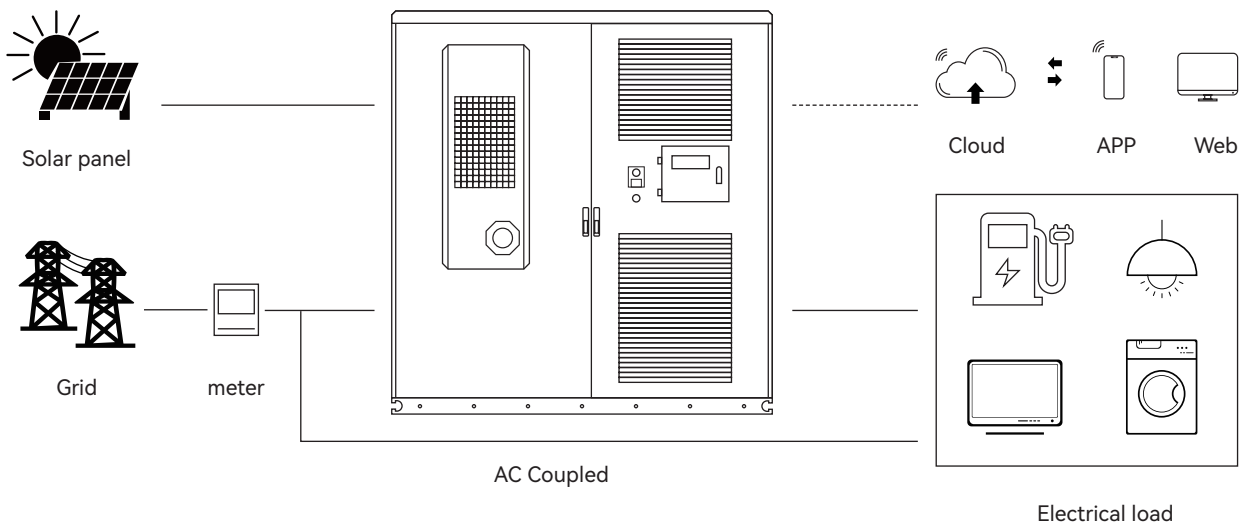
Commercial & industrial energy storage is a power storage system specially designed for regional microgrids such as small CBDs, farms, islands, outdoor photovoltaic power stations, etc., which can fully guarantee the power demand and energy security in these scenarios.

Key features:

- Modular and flexibly expandable battery storage system at the power and capacity level.
- All-in-one design, AC-coupled solution.
- Outdoor housing for any installation site.
- Easy maintenance due to modular design (Battery modules, BMS, control design).



AC Coupled Energy Storage System



All-in-one Energy Storage-- AC Coupled

Type	Storage	Solar + Storage
Battery Parameters		
Cell Type	LFP Prismatic Type	
Battery Capacity (Kwh)	50~200	50~200
Voltage Range (V)	250~800	320~800
Max. Charging Power (Kw)	50/150	30/100
AC On-grid Parameter		
Grid Type	3W+N+PE	
Input / Output (Kw)	50~150	50
AC Voltage (V)	320~460	
Applicable Grid Frequency (Hz)	45~55/55~65	
THDi	<3%(100% load)	
Power Factor	1(Leading)~1(Lagging)	
AC Off-grid Parameter		
Rated Charge/Discharge Power(Kw)	50~150	50
Max Output Power (KVA)	50~150	55
Rated AC Voltage (V)	400	
Nominal Frequency (Hz)	50/60	
THDu	≤ 1% linear; or ≤ 5% nonlinear	
Photovoltaic Input		
Max Input Power (KW)	--	50/100
MPPT Voltage Range (V)	--	250~850
General Parameter		
Dimension:W*D*H(mm)	2200*1100*2340	
Max. Weight (Kg)	3200	
IP Degration	IP54	
Operating Temperature Range (° C)	-20~50	
Relative Humidity	0~95%(No condensation)	
Altitude	<2000m	
Cooling Method	Heat Ventilation Air Conditioner	
Noise (dB)	≤ 75	
System Efficiency	≥ 85%	
Firefighting System	Intetared	
Communication	Ethernet, Modbus TCP/IP	
Certification		
Safety & Certification	IEC62619, UN38.3	