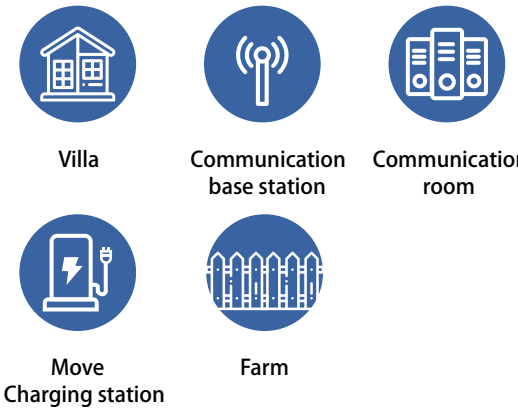
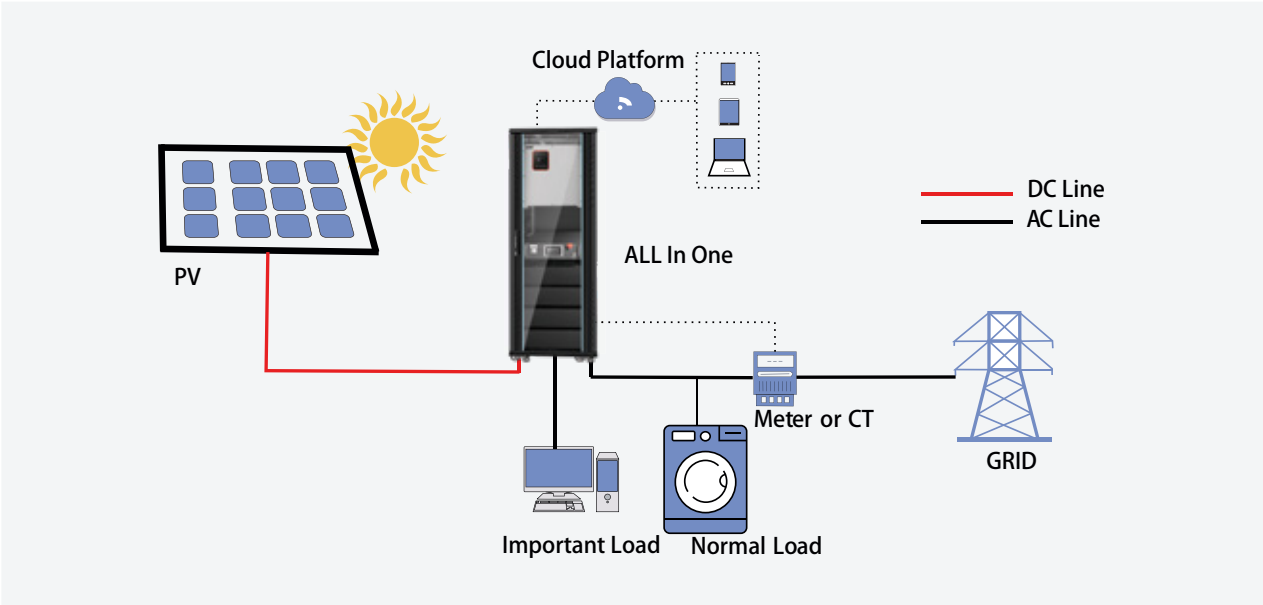
Residential Energy Storage System（AC three phase）

- Simple connection and installation, saving installation time and cost.
- Expandable system design, convenient for capacity expansion.
- Overall solution of home smart energy

Application Scenario



Product Topology



Model	XT-LB6000P3	XT-LB8000P3	XT-LB10000P3	XT-LB12000P3
PV input				
Max. input power	7.8KW	10.4KW	13KW	15.6KW
Max. PV voltage	1000V			
MPPT range	125V-850V			
Max. input current	12.5A*2			
MPPT tracker/strings	2/1	2/1	2/1	2/1
AC output				
Max. output power	6.6KVA	8.8KVA	11KVA	13.2KVA
Max. output current	9.5A	12.7A	15.9A	19.1A
Nominal voltage/range	400VAC /360Vac~440Vac			
Frequency	50 /60Hz			
PF	0.99lagging-0.99leading			
THDI	<3%			
AC output topology	3W+N+PE			
Eps output				
Max. output power	6.6KVA	8.8KVA	11KVA	13.2KVA
Rated voltage	400Vac			
Rated current	9.5A	12.7A	15.9A	19.1A
Rated frequency	50 /60Hz			
Automatic switchover time	<20ms			
THDU	<2%			
Battery TechnicalParameters				
battery module	Customizable			
Battery type	Lithium iron phosphate			
Battery capacity	up to 30KWH			
MAX. parallel batteries	6			
Life	＞10years（25℃ /77F）			
Charge/Discharge Current	50A	50A	50A	50A
System parameters				
Protection class	IP20			
MPPT efficieney	99.9%			
Max. efficieney	97.6%			
Inverter topology	Without transformer			
Self-consumption	＜3W			
Interface:rs485/wifi/lan /can/drm	yes /opt/opt/yes/yes			
display	LCD			
Operating temperature	-10℃~60℃			
Relative Humidity	15%~85%（non-condensing ）			
Altitude	2000m			
Dimensions (W/D/H) mm	600*600*1610mm/600*600*1833mm			
Weight	/			
Safety regulations	IEC 62109-1&-2, IEC 62477, CE-EMC			