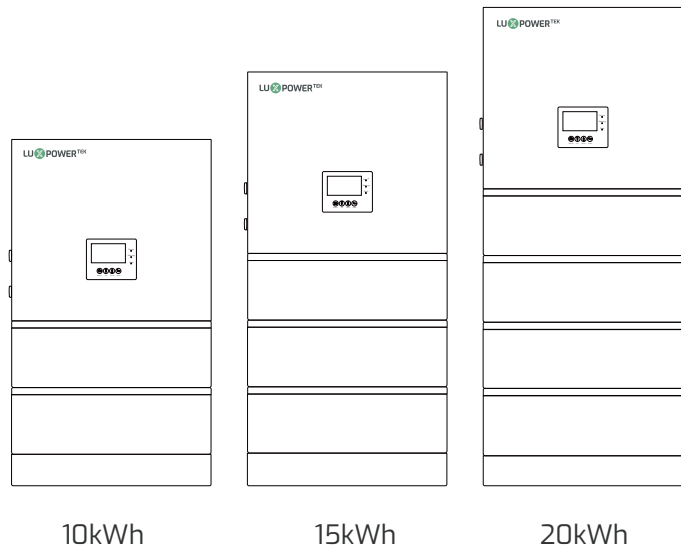


ALL IN ONE

Split-Phase

LiteStor

- Battery capacity optional
- 10kW for whole home backup
- 5ms switchover time
- Max. PV input 18kW
- Quick installation
- Safeguard against power outages



Specification

Your Reliable
Energy Solution
Partner

INVERTER MODULE			
DC Input(from PV)			
Max. PV power(W)		18000	
Max. DC input voltage(V)		600	
Max. input current per MPPT(A)		18	
Max. short circuit input current per MPPT(A)		22.5	
Nominal DC input voltage(V)		360	
Start input voltage(V)		100	
Startup voltage(V)		140	
DC voltage range(V)		100~600	
MPP operating voltage range(V)		120~500	
Number of MPPT		3	
Number of PV strings per MPPT		1	
AC Input			
Nominal input power(W)		10000	
Max. input apparent power(W)		15000	
Nominal grid voltage(V)		202/101	
Nominal input current(A)		50	
Max. input current(A)		75	
Nominal grid frequency(Hz)		50/60	
Power factor		-0.8~0.8	
Off-grid Output			
Continuous output power(W)		10000	
Nominal output voltage(V)		202/101	
Nominal output current(A)		50	
Nominal output frequency(Hz)		50/60	
THDV		<3%	
Switching time		10ms	
Battery Module			
Type		LiFePO ₄	
Nominal charge current(A)		50	
Max. charge current		105 (15s)/110 (500ms)	
Nominal discharge current(A)		100	
Max. discharge current		105 (15s)/120 (500ms)	
Nominal discharge voltage(V)		51.2	
Voltage range(V)		44.8-57.6	
Nominal charge voltage(V)		56.5	
Nominal output power(W)		5120	
Nominal capacity(Ah)		100	
System charge/discharge Data			
Max. charge current(A)		250	
Max. discharge current(A)		250	
General Data			
Integrated disconnect		DC switch	
Dimension	640mm*410mm*1100mm/10kWh	640mm*410mm*1315mm/15kWh	640mm*410mm*1530mm/20kWh
Weight	172.5kg/10kWh	233.6kg/15kWh	295kg/20kWh
Ingress protection rating		IP65	
Cooling method		Smart cooling	
Operating temperature range(°C)		-25~60	
Relative humidity		0-100%	
Altitude		<2000m	
Internal consumption(W)		<15	
Display		Touch color screen	
Monitoring		RS485/ Wi-Fi/ CAN	
Standards & Certification			