



HYBRID INVERTER

ENERGY STORAGE

Integrated Design To Support Loads,
Batteries, Power Grids, Diesel Generators
And Pv Be Connected.





Mine off grid



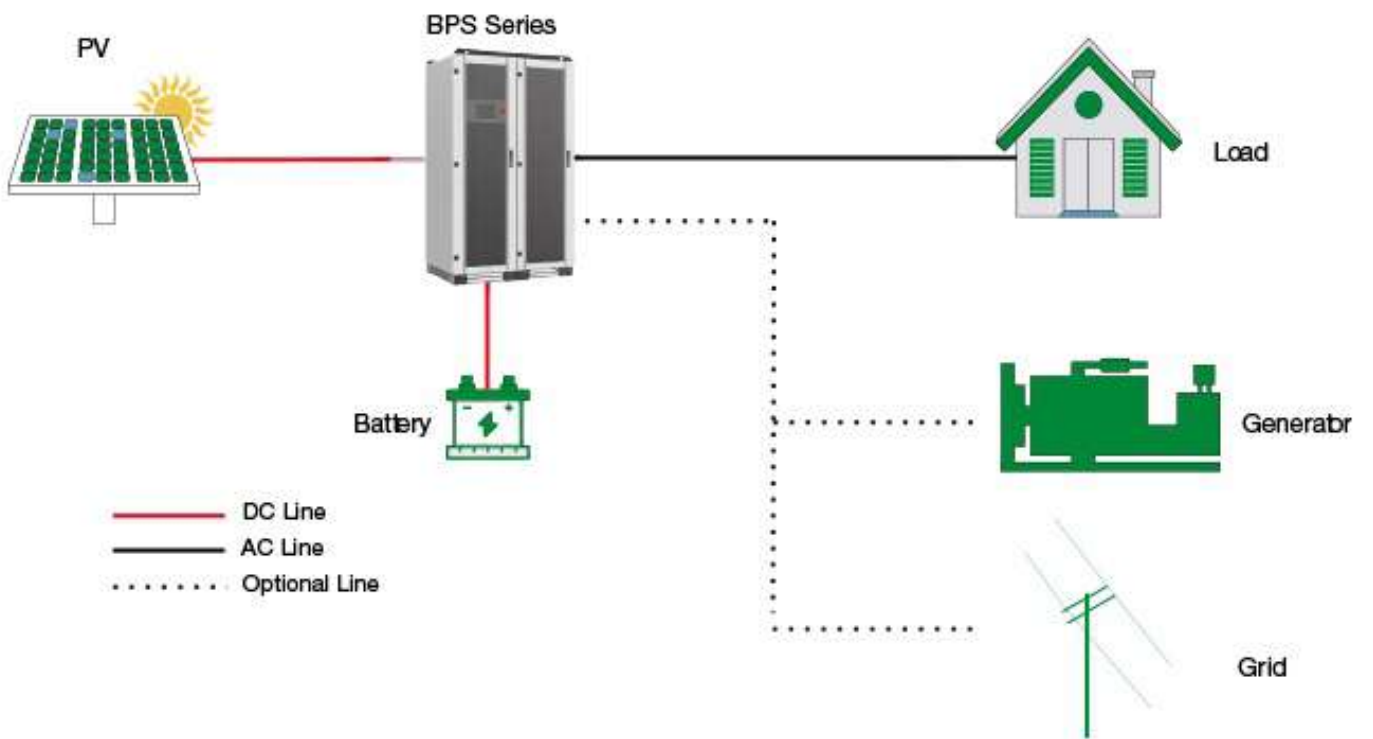
Island off grid



Villages
without electricity



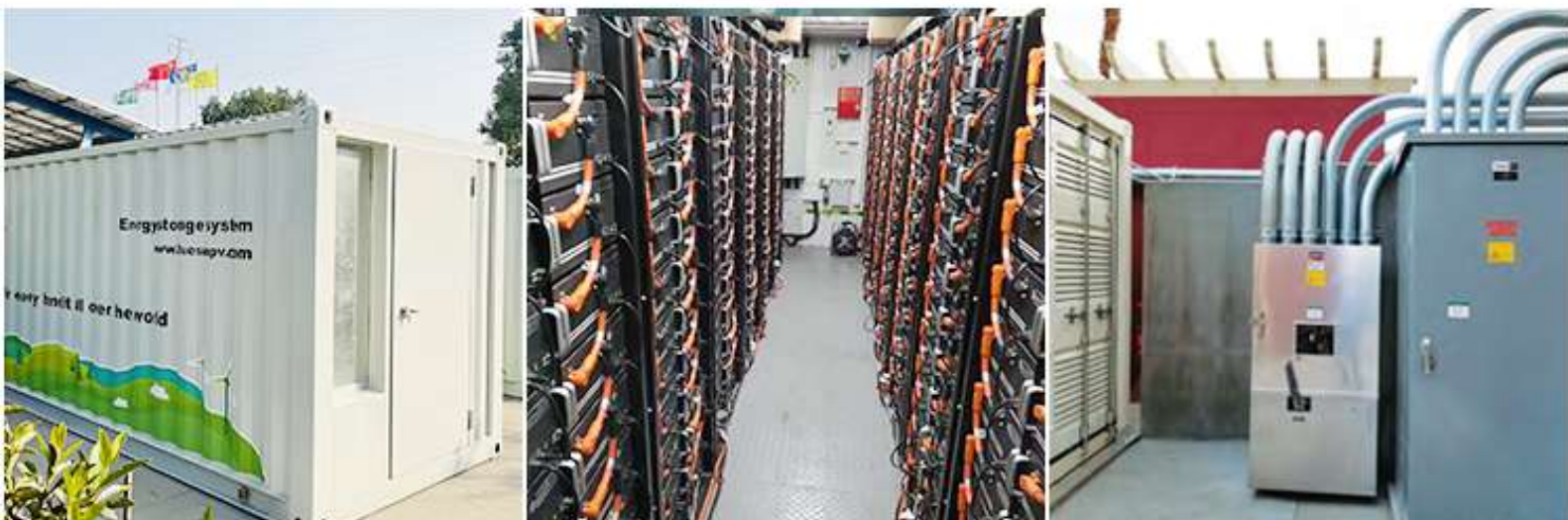
Farm off grid



Model	BMPS30	BMPS50	BMPS100	BMPS150	BMPS250	BMPS500
AC(grid-connected)						
Apparent power	33kVA	55kVA	110kVA	165kVA	275kVA	550kVA
Rated power	30kW	50kW	100kW	150kW	250kW	500kW
Rated voltage	400V					
Rated current	43A	72A	144A	217A	361A	722A
Voltage range	320V-460V					
Rated frequency	50/60Hz					
Frequency range	45-55/55-65Hz					
THDI	<3%					
PF	0.8lagging-0.8leading					
AC connection	3W+N+PE					
Transformer	Yes					
AC(off-grid)						
Apparent power	33kVA	55kVA	110kVA	165kVA	275kVA	550kVA
Rated power	30kW	50kW	100kW	150kW	250kW	500kW
Rated voltage	400V					
Rated current	43A	72A	144A	217A	361A	720A
THDU	≤2% linear					
Rated frequency	50/60Hz					
Overload capability	110%-10min120%-1min					
PV						
Max. PV open-circuit voltage	1000VDC					
MAX PV power	60/120KW		120/180/240KW		300/360KW	600/660/720KW
PV mppt voltage range	200V-850V					

MPPT number	1/2		2/3/4		5/6	10/11/12
Battery						
Battery voltage range	250V-850V	320V-850V	420V-850V	420V-850V	420V-850V	500V-850V
Battery full Load operating voltage range	250V-850V	320V-850V	420V-850V	420V-850V	420V-850V	500V-850V
Genera data						
Dimension(WDXH)	800X800X1900mm		1200X800X2050mm		1800X800X2050mm	2800X800X2050mm
Weight	440kg	620kg	900kg	1250kg	1700kg	3520kg
Environmental temperature	-25°C~+55°C					
Relative humidity	0-95%non-condensing					
Protection degree	IP20					
Noise emission	75dB(A)@1m					
Max.imum altitude	5000m(derate over 3000m)					
Cooling	Forced-air					
Communication						
Display	Touch screen LCD					
Communication interface	RS485/CAN					





Energy Storage Containers



Roof energy storage system 3MW



Pure lithium battery container solution 900kWh