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Energy Storage
(AC Three-phase)

BSE8KH3/10KH3 /12KH3/15KH3

Hybrid
Inverter

Output Power:
8KW/10KW/12KW/15KW

EU Standard



Application Scenario



Villa



Communication base station



Nomadic area



Farm



Household



Field power supply



Flexible

Wide input voltage range. Compatible with lead-acid or lithium-ion batteries or other battery



Reliable

Compatible anti counter flow function. Battery reverse connect protection.



Grace

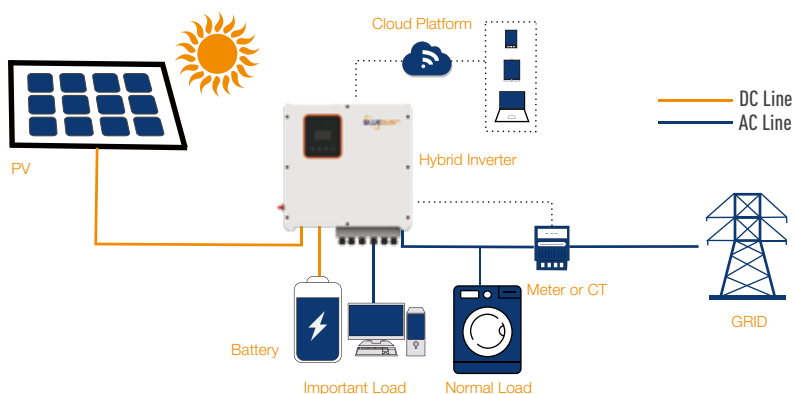
Fashion appearance, light weight, smart operation. Natural cooling, low noise. IP65, wall mounted design, saving space. Touch screen LCD.



Advanced

Intelligent energy management system for home. Power dispatching and demand side response management. Distributed virtual power station management.

Product Topology



TECHNICAL PARAMETERS

Model	BSE8KH3	BSE10KH3	BSE12KH3	BSE15KH3	
PV input	Max. input power	12KW	15KW	18KW	22.5KW
	Max. PV voltage	1000V			
	MPPT range	180V-850V			
	Max. input current	12.5A*2			
	MPPT tracker/strings	2/1	2/1	2/1	2/1
AC output	Max. output power	8KVA	10KVA	12KVA	15KVA
	Max. output current	12.7A	15.8A	19A	23.8A
	Nominal voltage/range	380V/400V 3W+N+PE			
	Frequency	50 /60Hz			
	PF	0.99lagging-0.99leading			
	THDI	<2%			
	AC output topology	3W+N+PE			
Battery	Battery voltage range	125V-600V			
	Charge/discharge current	50A	50A	50A	50A
	Max. Charge/discharge power	8.8KW	11KW	13.2KW	13.2KW
	Battery type	Lithium-ion /Lead-acid			
	Communication interface	CAN/RS485			
Eps output	Max. output power	8.8KVA	11KVA	13.2KVA	13.2KVA
	Rated voltage	400Vac			
	Rated current	12.7A	15.9A	19.1A	19.1A
	Rated frequency	50 /60Hz			
	Automatic switchover time	<20ms			
	THDU	<2%			
Generaldata	Battery chage/discharge	97.5%	97.5%	97.6%	97.8%
	DC max. efficiency	97.9%	98.2%	98.2%	98.5%
	Europe efficiency	97.2%	97.5%	97.5%	97.6%
	MPPT efficiency	99.9%	99.9%	99.9%	99.9%
	Protection class	IP65			
	Noise emission (typical)	<25dB			
	Operation temperature	-35°C--+60°C			
	Cooling	Natural convection			
	Relative humidity	0 ~100%			
	Altitude	4000m(Derating above 2000 m)			
	Dimensions (WXDXH)	530X220X560mm			
	Weight	30kg	31kg	32kg	34kg
	Inverter topology	Without transformer			
	Self-consumption	<3W			
Features	Display	LCD			
	Interface:rs485/wifi/lan/can/drm	yes /opt/opt/yes/yes			
	Certificates	CE TUV VDE EN50549			