

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

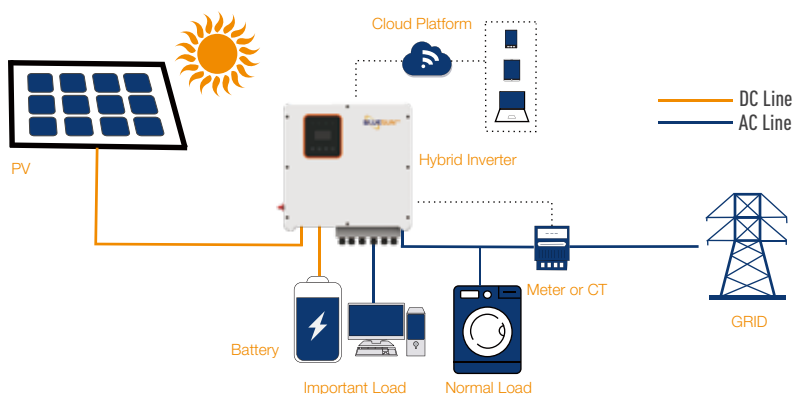
Fashion appearance, light weight, smart operation. Natural cooling, low noise. IP65, wall mounted design, saving space. Touch screen LCD.



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	13KW	18KW	22.5KW
	Max. PV voltage	1000V			
	MPPT range	180V-850V			
	Max. input current	13A*2	13A*2	13A*2	20A*2
	MPPT tracker/strings	2/1	2/1	2/1	2/2
AC output	Max. output power	8.8KVA	11KVA	13.2KVA	16.5KVA
	Max. output current	12.7A	15.9A	19.1A	23.8A
	Nominal voltage/range	380V/400V 3W+N+PE			
	Frequency	50 /60Hz			
	PF	0.8lagging-0.8leading			
	THDI	<3%			
	AC output topology	3W+N+PE			
Battery	Battery voltage range	125V~600V			
	Rated.Charge/discharge current	40A	40A	40A	40A
	Max. Charge/discharge power	8.8KW	11KW	13.2KW	16.5KW
	Battery type	Lithium and Lead Acid Battery			
	Communication interface	CAN/RS485			
Eps output	Max. output power	8.8KVA	11KVA	13.2KVA	16.5KVA
	Rated voltage	400Vac			
	Max.Output Current	12.7A	15.9A	19.1A	23.8A
	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%	97.6%
	Europe efficiency	97.2%	97.5%	97.5%	97.8%
	MPPT efficiency	99.9%	99.9%	99.9%	99.9%
	Protection class	IP65			
	Noise emission (typical)	≤ 25			
	Operation temperature	-25°C~+60°C			
	Cooling	Natural			
	Relative humidity	0 ~100%			
	Altitude	4000m(Derating above 2000 m)			
	Dimensions (W×D×H)	530X560X220mm			
	Weight	31kg	31kg	33kg	34kg
	Inverter topology	Without transformer			
	Self-consumption	<3W			
Features	HMI	LCD;APP			
	Interface:rs485/wifi/lan/can/drm	yes /opt/opt/yes/yes			
	Certificates	CE TUV VDE EN50549			