



Wall-mounted inverter

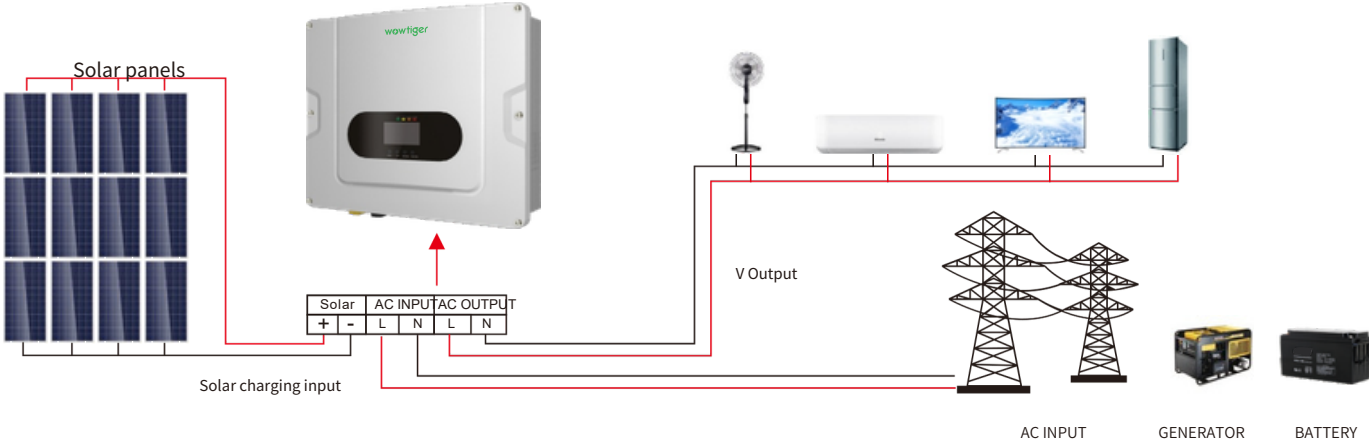
>> Models:
HG L
HG H



Advantages

- Supports smart shutdowns
- Supports DC arc pulling protection
- Good heat resistance
Application of environmental temperature is high
- Beautiful shape and easy
- Less than ms seamlessly enables standby power
- Light weight
Small volume, light weight.

Solar system connection



Product Specifications



Model		HG L	HG H
Parallel Connect	Max Parallel Connection Allowed	/	
	Input Voltage	~ Vac	
	Frequency	~ Hz, Default	
	Overload/short circuit protection	The bypass circuit breaker (A)	The bypass circuit breaker (A)
	Maximum efficiency	. %	
	Conversion time(bypass and inverter)	mS	
Inverter Mode	Biggest bypass overload current	A	A
	Output voltage waveform	Pure sine wave	
	Rated output power (W)	KVA	W
	Power factor	P= .	P= .
	Rated output voltage (Vac)	/ / Vac (Settable)	Default V
	Output frequency range (Hz)	. / . Hz (Settable) Default Hz	
	Maximum efficiency	> %	> . %
	Overload Capacity	min@ %~ % Load s@ %~ % Load s@ %~ % Load	s@ %~ % Load
	Battery voltage	. V	. V
	Compatible battery type	Lead-acid/lithium electricity	
Utility Charging	Maximum charging current(can be set)	50A	80A
	Type of controlle (rPV)	PWM	MPPT
	Largest PV open circuit voltage	85V	500V
	PV operating voltage range	30-80V	120-430V
	Largest PV input current	50A	18A
PV/Battery Charging	Largest PV power input	/	5500W
	Solar charging current range (can be set)	10~50A	2~80A
	The biggest mixed charging current (can be set)	A	A
Biggest mixed charging current (PV+ AC)	Protection functions		
	Over-voltage and low-voltage protection, overload protection, short-circuit protection and over-temperature protection of lithium batteries		
	Working temperature range		
	- °C~ °C		
	Storage temperature range		
	- - °C		
	Humidity range		
	%~ % (No condensing)		
	Noise Level		
	≤ db		
	Heat dissipation		
	Forced air cooling		
	Display mode	LCD	LCD
	BMS communication method	/	
	Monitoring method (optional)	WiFi/ G	
Specifications	Product size (L*W*H) mm	. . .	. . .
	Packing size(L*W*H) mm	. . .	. . .
	Net weight(kg)	kg	. kg
	Gross weight(kg)	kg	. kg



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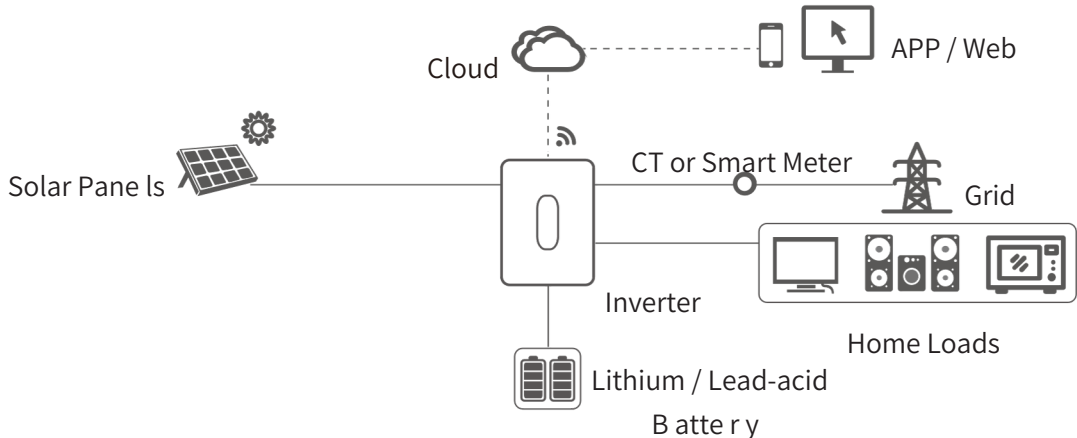
>> Models:
HBI- K



Features:

- Wide MPPT Range
- MPP trackers
- Type III SPD both on DC&AC side
- A MPPT input current per string
- IP protection level
- Integrated and concise design

Solar system connection



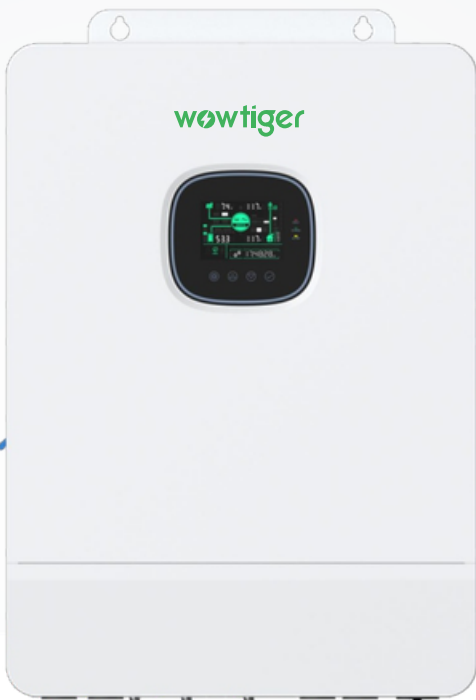
Product Specifications

Model	HBI- K
PV Input	
Max. PV Input Power(kW)	
Max. PV Open Circuit Voltage(V)	~
MPPT Range@Operating Voltage(VDC)	- V
Full Power MPPT Voltage Range(VDC)	/
Star-up Voltage(VDC)	/
Max. Input Current per MPPT(A)	/
Max. Short-circuit Current(A)	/
MPPT Tracker/Strings	/
Nominal Input Voltage(V)	
AC Output(On-Grid)	
Nominal Output Power to Grid(kW)	
Max. Apparent Power to Grid(kVA)	
Max. Apparent Power from Grid(kVA)	
Max. Apparent Current from Grid(A)	
Nominal Output Current from Grid(A)	
Max. Output Current to Grid(A)	
Nominal Voltage/Frequency	V(V~ V), / HzL+N+PE
Adjustable Power Factor	. leading~ . lagging
THDI	< %
AC Outpot(Back-Up)	
Nominal Output Power(kW)	
Max. Apparent Power(kVA)	
Nominal Output Current(A)	
Max. Output Current(A)	
Nominal Voltage/Frequency	V(V~ V), / HzL+N+PE
Automatic Switch Time(ms)	< %
THDu	< %
Overload Capacity	< %
Efficiency	% , s/ % , s/ % , s
Max. Efficiency	% , s/ % , s/ % , s
Europe Efficiency	
MPPT Efficiency	%
Max. Battery Charge/Discharge Efficiency	. %
Battery	. %
Battery Voltage Range(V)	. %
Recommended Battery Voltage(V)	
Max. Charging Voltage(V)	~
Max. Charging/Discharging Current(A)	
Battery Type	
Protection	/
DC Switch	Lithium and Lead Acid Battery
DC Reverse Polarity Protection	
DC/AC Surge Protection	Yes
AC Over-voltage Protection	Yes
AC Short-circuit Protection	Type III / Type III
Ground Fault Monitoring	Yes
Anti-islanding Protection	Yes
Residual-current Monitoring	Yes
Insulation Resistance Monitoring	Yes
Peak/Valley Time Setting	Yes
General Data	Yes
HMI	Yes
BMS	Yes
EMS/Meter	
Communication	LCD & APP
Ingress Protection	RS ; CAN
Operating Temperature Range	RS
Relative Humidity	WiFi(standard)/GPRS(opt)/ G(opt)
Max. Operating Altitude	IP
Cooling	- ~ °C
Noise Emission	~ % (Non-condensing)
Dimensions(W*H*D)	m (Derating above m)
Net Weight(kg)	Natural
Self-consumption(W)	≤ dB
Standard Compliance	. . mm
Safety Regulation	
EMC	<
GridRegulation	
	IEC/EN - / -
	IEC/EN - - / -
	Europe: EN , South Africa: NRS - - ; ,Belgium: C /



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Solar controller integrated

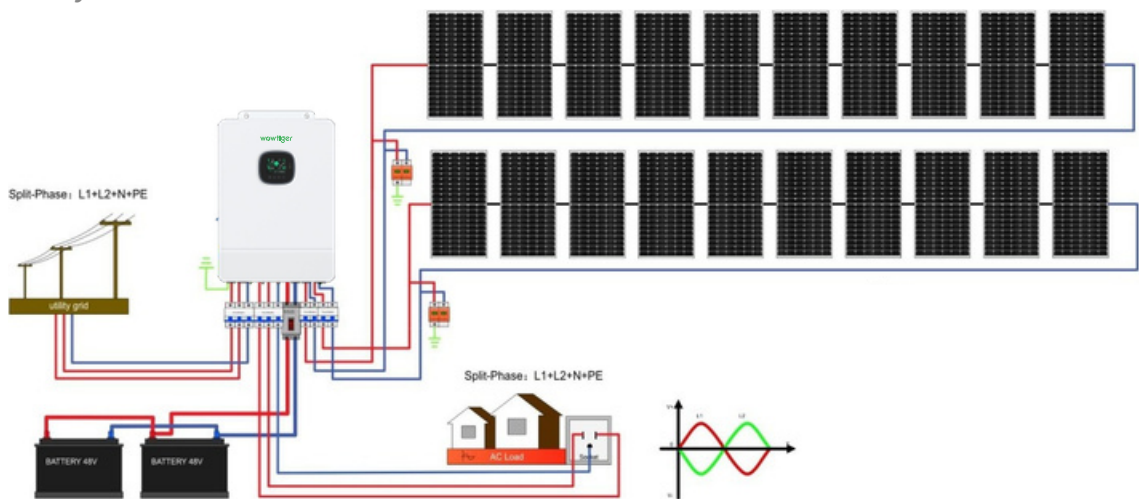
>> Models:
HBSI- K



Advantages

- Supports smart shutdowns
- Supports DC arc pulling protection
- Good heat resistance
Application of environmental temperature is high Up to + °C.
- Beautiful shape and easy
- Less than ms seamlessly enables standby power
- Light weight
Small volume, light weight.

Solar system connection



Product Specifications

Model	HBSI- K	Can be set
INVERTER OUTPUT		
Rated Output Power	, W	
Max. Peak Power	, W	
Rated Output Voltage	/ Vac(split phase/single phase,	Y
Load Capacity of Motors	HP	
Rated AC Frequency	/ Hz	Y
Waveform	Pure Sine Wave	
Switch Time	ms(typical)	
Parallel capacity	/	
Overload	After triggering the overload protection the inverter will resume output after minutes, consecutive overloads will switch off the output until the inverter is restarted.(%<load< %) ± %: error and output shutdown after min; (%< load < %) ± %: error and output shutdown after s. Load > % ± %: error reported and output switched off after s.	
BATTERY		
Battery Type	Li-ion / Lead-Acid / User Defined	Y
Rated Battery Voltage	Vdc	
Voltage Range	- Vdc	Y
Max.MPPT Charging Current	A	Y
Max.Mains/Generator Charging Current	A	Y
Max.Hybrid Charging Current	A	Y
PV INPUT		
Num. of MPP Trackers		
Max.PV array power	, W	
Max.input current	/ A	
Max.Voltage of Open Circuit	Vdc	
MPPT Voltage Range	- Vdc	
MAINS / GENERATOR INPUT		
Input Voltage Range	- Vac	
Frequency Range	/ Hz	
Bypass Overload Current	A	
EFFICIENCY		
MPPT Tracking Efficiency	. %	
Max. Battery Inverter Efficiency	. %	
GENERAL		
Dimensions		
Weight	. . mm (. . . ft)	
Protection Degree	kg (lb)	
Operating Temperature Range	IP , Indoor Only	
Noise	- ~ °C,> °C derated (~ °F, > °F derated)	
Cooling Method	< dB	
Warranty	Internal Fan	
COMMUNICATION		
Years		
Embedded Interfaces		
External Modules (Optional)	RS / CAN / USB / Dry contact	Y
CERTIFICATION	Wi-Fi / GPRS	Y
Safety		
EMC	IEC - , IEC - , UL	
RoHS	EN - - , EN - - , FCC class B	
	Yes	