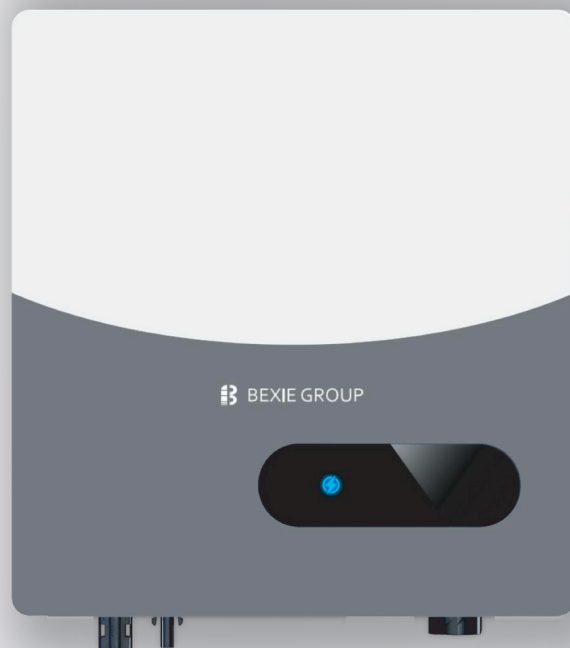


BE-2-3-3.6KW-1PG

GRID-TIED INVERTERS/SINGLE-PHASE

Application: Residential Use



- ✓ Maximum efficiency of 97.8%
- ✓ High compatibility: supports high-current PV modules and a wide voltage range.
- ✓ High reliability: IP65 protection with optional Type II SPD and AFCI function.
- ✓ Intelligent maintenance: monitoring, remote configuration, and quick commissioning via app.



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Silvota, 33192, Llanera, Asturias



BE-2-3-3.6KW-1PG

GRID-TIED INVERTERS/SINGLE-PHASE

Model	BE 2KW-1PG	BE 3KW-1PG	BE 3.6KW-1PG
Efficiency			
Max. Efficiency		97.8%	
European Efficiency	96.5%	96.8%	96.8%
Input (PV)			
Max. Input Voltage		500V	
Max. PV Configuration (STC)		150%	
Rated Input Voltage		360V	
Max. Input Current		15A	
Max. Short Circuit Current		20A	
Start Input Voltage		70V	
MPPT Operating Voltage Range		50V-490V	
Max. Number of PV Strings		1	
No. of MPPTs		1	
Output (Grid)			
Rated AC Active Power	2,000W	3,000W	3,600W
Max. AC Apparent Power	2,200VA	3,300VA	3,600VA
Max. AC Output Current	10A	15A	16A
Rated AC Voltage		220V/230V, L+N+PE	
AC Voltage Range 1*		160V-300V (Adjustable)	
Rated Grid Frequency		50Hz/60Hz	
Grid Frequency Range 2*		45Hz-55Hz/55Hz-65Hz (Adjustable)	
THDI		<3% (Rated Power)	
DC Current Injection		<0.5%In	
Power Factor		>0.99 Rated Power (Adjustable 0.8 LD-0.8 LG)	

Remarks: 1. The range of output voltage and frequency may vary depending on different grid codes.
2. Specifications are subject to change without advanced notice.



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BE-2-3-3.6KW-1PG

GRID-TIED INVERTERS/SINGLE-PHASE

Model	BE 2KW-1PG	BE 3KW-1PG	BE 3.6KW-1PG
Protection			
DC Switch		Yes	
Anti-Islanding Protection		Yes	
AC Overcurrent Protection		Yes	
AC Short Circuit Protection		Yes	
DC Reverse Protection		Yes	
Surge Arrester	DC Type III (Type II optional) / AC Type III (Type II optional)		
Insulation Detection		Yes	
Leakage Current Protection		Yes	
General			
Topology		Transformerless	
IP Rating		IP65	
Night Self Consumption		<1W (Standard)	
Cooling		Natural Cooling	
Operating Temperature Range		-25°C-60°C	
Relative Humidity Range		0-100%	
Max. Operating Altitude		4000m	
Dimensions (W*H*D)		320mm*344mm*137mm	
Weight		6.5Kg	
HMI & COM			
Display		Wireless & APP+LED, LCD (Optional)	
Communication		Optional: WiFi/GPRS/RS485/LAN	
Certification			
Safety		IEC62109-1, IEC62109-2	
Grid Code	DE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206001/206002-1, IEC 61727/62116, ORDINANCE n°140 2022, IEEE 1547, UL 1741, AS 4777, VDE 0126-1		
Warranty		10 Years	



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