


# BEXIE Microinverter


**BXE 2000/2400/2800**




- ✓ Maximum output power up to 2000VA/2400VA/2800VA, adapted to 60~75-cell or 120~150 halfcell PV modules.
- ✓ Static MPPT efficiency 99.80%.
- ✓ High reliability, IP67 (NEMA 6) enclosure.




**SAFETY**  
Low DC voltage.




**QUALITY**  
Components selected from world-class brands.



**OPTIMIZATION**  
High efficiency for each module.



**PARALLEL INPUT**  
20A continuous input.




**FLEXIBILITY**  
Adapts to any system size and optimizes space.



**PLUG & PLAY**  
AC BUS design, no single point of failure.



**25 YEARS**  
30-year design life, up to 25-year warranty.



**SMART**  
Module-level online smart monitoring.



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## BXE 2000/2400/2800

Model	BXE2000	BXE2400	BXE2800
<b>Input Data (DC)</b>			
Recommended input power (STC)	400~750W+	480~900W+	560~1050W+
MPPT voltage range		24V~50V	
Operating voltage range		16V~60V	
Maximum input voltage		60V	
Max. short circuit current	20A*4	20A*4	24A*4
Max. input current	18A*4	18A*4	20A*4
<b>Output Data (AC)</b>			
Rated output power	2000VA	2400VA	2800VA
Rated voltage (range)		230V (176V~265V)	
Rated frequency (range)		50Hz/60Hz (46.5Hz~62Hz)	
Maximum continuous output current	9.10A	11.0A	12.8A
Maximum harmonic distortion		<4%	
Power factor		>0.99 (Default)	
Maximum connection number in one string (PLCC) (30A circuit breaker, 12AWG cable)	3 units	2 units	2 units
Maximum connection number in one string (Wi-Fi) (40A circuit breaker, 10AWG cable)	4 units	3 units	2 units
<b>Efficiency</b>			
Peak efficiency		97.5%	
MPPT efficiency		>99.8%	
Night power consumption		<100mW	



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[www.bexieenergy.com](http://www.bexieenergy.com)



Calle Peña Santa 68, Polígono Industrial Silvota, 33192, Llanera, Asturias



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### Other Parameters

Communication method	Wi-Fi (Optional)		
Safety protection	Class I		
Enclosure rating	IP67		
Operating temperature	-40°C to +70°C		
Storage temperature	-40°C to +85°C		
Relative humidity	0~98%		
Transformer design	High frequency transformer, Electrical isolated		
Overvoltage class	OVC III (AC), OVC II (PV)		
Warranty period	12 / 25 years (Optional)		
Dimensions (L*W*H mm)	389*302*43		
Weight (kg)	7.45		
Safety regulations	IEC/EN 61000-6, CISPR11+A1+A2, IEC/EN 62109-1/2, EN 505491:2019 VDEAR-N 4105:2018/DIN VDE 0124:2020, AS 4777.2 :2020, INMETRO, UTE C15-712-1/DIN VDE 0126/VFR 2019, G98, CEI 021:2020, NC RFG, NTS DAKKS.		

## Monitoring Device

Communication with BEXIE microinverters through Wi-Fi enables users to manage the systems in a smart digital way.

