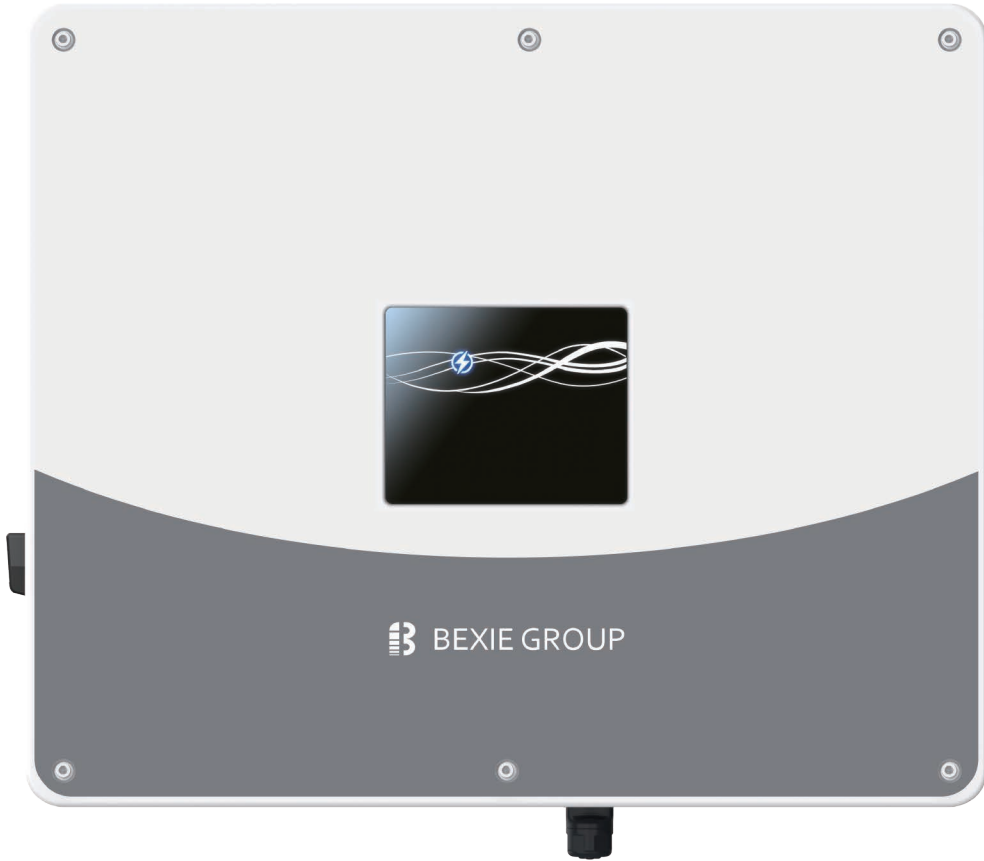


Application: Commercial & Industrial Sites



BE30-50KW-3PG

30kW-50kW



Remote monitoring, configuration and upgrade



Compatible with large PV modules



Replaceable DC&AC Type II SPC protection



Quick commissioning via mobile APP



IP65 protection for outdoor application



4 MPPTs with 150% DC overload



Maximum efficiency up to 98.5%



Optional: AFCI, Night SVG, I/V detection and integrated PID



BE30-50KW-3PG

30kW-50kW

Model	BE30KW-3PG		BE50KW-3PG
Efficiency			
Max. Efficiency			98.5%
European Efficiency	98,0%		97,9%
Input (PV)			
Max. Input Voltage			1100V
Max. PV Configuration (STC)			150%
Rated Input Voltage			620V
Max. Input Current	40A+2*32A		40A+3*32A
Max.Short Circuit Current	50A+2*45A		50A+3*45A
Start Input Voltage			200V
MPPT Operating Voltage Range			180V-1000V
Max. Number of PV Strings	2/2/2		2/2/2/2
No. of MPPTs	3		4
Output (Grid)			
Rated AC Active Power	30,000W		50,000W
Max. AC Apparent Power	33,400VA		55,600VA
Max. AC Output Current	3*51A		3*84.3A
Rated AC Voltage			380V/400V/415V, 3W+N+PE or 3W+PE
AC Voltage Range ^①			320V-520V (Adjustable)
Rated Grid Frequency			50Hz/60Hz
Grid Frequency Range ^②			45-55Hz/55-65Hz (Adjustable)
THDI			<3% (Rated Power)
DC Current Injection			<0.5%In
Power Factor			>0.99 Rated power (Adjustable 0.8 LD-0.8 LG)
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 II/AC Type II
Insulation Detection			Yes
Leakage Current Protection			Yes
PV String Monitoring			Optional
Consumption Monitoring			Optional
General			
Topology			Transformerless
IP Rating			IP66
Night Self Consumption			<1W (Standard)
Cooling	Natural cooling		Fan cooling
Operating Temperature Range			-25°C-60°C
Relative Humidity Range			0-100%
Max. Operating Altitude			4000m
Dimensions (W*H*D)			635mm*530mm*224mm
Weight	36Kg		42Kg
HMI & COM			
Display			Wireless & APP+LED, LCD (Optional)
Communication			RS485, Optional: WiFi/GPRS/LAN
Certification			
Safety			IEC 62109-1, IEC 62109-2
Grid Code			VDE-AR-N 4105, EN 50549-1, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116
Warranty			5 Years/10 Years (Optional)

Remarks: • ^{①②}The range of output voltage and frequency may vary depending on different grid codes.
• Specifications are subject to change without advanced notice.