

BLUE-G THREE PHASE SERIES

BluE-3K / BluE-3.6K / BluE-4K / BluE-5K /
BluE-6K / BluE-8K / BluE-10K / BluE-12K

PV On-Grid String Inverter



Max. PV voltage up to 1100V
Type II DC /AC SPD



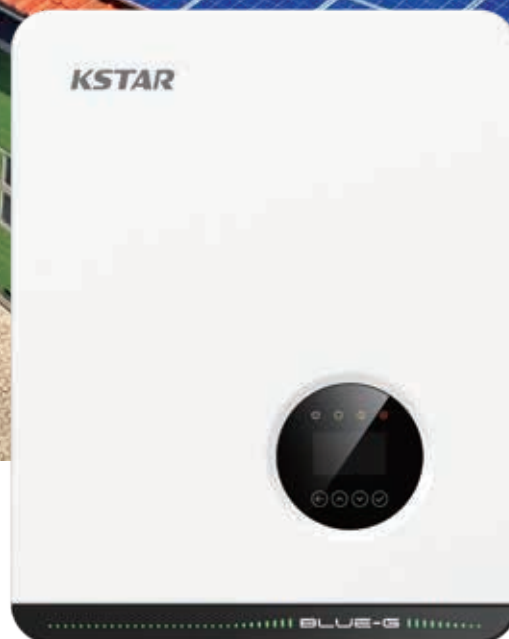
Compatible for big capacity PV panel
WiFi / 4G Plug optional



DC/AC ratio up to 2
IP65 protection



High efficiency up to 98.6%
Smaller and lighter



MODEL	BluE-3KT	BluE-3.6KT	BluE-4KT	BluE-5KT	BluE-6KT	BluE-8KT	BluE-10KT	BluE-12KT
Input(DC)								
Max. DC Voltage	1100V	1100V	1100V	1100V	1100V	1100V	1100V	1100V
Nominal Voltage	600V	600V	600V	600V	600V	600V	600V	600V
Start Voltage	180V	180V	180V	180V	180V	180V	180V	180V
MPPT Voltage Range	140 V~1,000 V	140 V~1,000 V	140 V~1,000 V	140 V~1,000 V	140 V~1,000 V	140 V~1,000 V	140 V~1,000 V	140 V~1,000 V
Number of MPP Tracker	2	2	2	2	2	2	2	2
Strings Per MPP Tracker	1	1	1	1	1	1	1	1
Max. Input Current Per MPPT	15A	15A	15A	15A	15A	15A	15A	15A
Max. Short-circuit Current Per MPPT	20A	20A	20A	20A	20A	20A	20A	20A
Output(AC)								
Nominal AC Output Power	3000W	3600W	4000W	5000W	6000W	8000W	10000W	12000W
Maximum AC Output Power	3300VA	3960VA	4400VA	5500VA	6600VA	8800VA	11000VA	13200VA
Nominal AC Voltage	400V 3L+N							
AC Grid Frequency Range	50 / 60Hz(±5Hz)							
Maximum Output Current	4.8A	5.8A	6.4A	8.0A	9.6A	12.8A	16.0A	19.2A
Power Factor(Φ)	0.8leading-0.8lagging							
THDi	3%							
Efficiency								
Max. Efficiency	98.4%	98.4%	98.4%	98.4%	98.4%	98.6%	98.6%	98.6%
Euro Efficiency	97.5%	97.5%	97.5%	97.5%	97.5%	98.0%	98.1%	98.1%
Protection devices								
DC Switch	Yes							
Output Over Current	Yes							
Anti-islanding Protection	Yes							
DC Reverse Polarity Protection	Yes							
String Fault Detection	Yes							
AC/DC Surge Protection	DC: Type II / AC: Type III / Type II Optional							
Insulation Detection	Yes							
AC Short Circuit Protection	Yes							
General Specifications								
Dimensions W x H x D	380x483x161mm							
Weight	<17kg							
Operating Temperature Range	-25°C~+60°C							
Cooling Type	Natural cooling							
Max. Operation Altitude	4000m							
Max. Operation Humidity	0-100%(No condensation)							
AC Output Terminal Type	Connector							
IP Class	IP65							
Topology	Transformer-less							
Communication	RS485/Wifi/4G							
Display	LCD							
Certification & Standard	EN/IEC62109-1/2 ; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068;IEC60529;IEC62116;IEC61727; EN50549-1;AS 4777.2;VDE-AR-N-4105;VDE 0126-1-1;CEI0-21;G98;G99;C10/C11;NB/T32004-2018 ; GB/T19964-2012							

* Specifications subject to change without prior notice.

KSTAR

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