NNQ ENERGY

KSTAR



BLUE-G THREE PHASE SERIES

BluE-15KT-M1 / BluE-17KT-M1 /
BluE-20KT-M1 / BluE-25KT-M1

PV On-Grid String Inverter

- Max. PV voltage up to 1100V
  Type II DC /AC SPD
- Reactive power control
  WiFi / 4G Plug optional
- DC/AC ratio up to 2
  IP66 protection
- High efficiency up to 98.6%
  Smaller and lighter

MODEL	BluE-15KT-M1	BluE-17KT-M1	BluE-20KT-M1	BluE-25KT-M1
Input(DC)				
Max. DC Voltage	1100V	1100V	1100V	1100V
Nominal Voltage	620V	620V	620V	620V
Start Voltage	250V	250V	250V	250V
MPPT Voltage Range	140 V~1,000V	140 V~1,000V	140 V~1,000V	140 V~1,000V
Number of MPPT Tracker	2	2	2	2
Strings Per MPPT Tracker	2/1	2	2	2
Max. Input Current Per MPPT	30A/15A	30A	30A	30A
Max. Short-circuit Current Per MPPT	40A/20A	40A	40A	40A
Output(AC)				
Nominal AC Output Power	15000W	17000W	20000W	25000W
Maximum AC Output Power	16500VA	18700VA	22000VA	27500VA
Nominal AC Voltage	400V 3L+N			
AC Grid Frequency Range	50Hz / 60Hz(±5Hz)			
Maximum Output Current	23.9A	27.1A	31.9A	39.9A
Power Factor(Φ)	0.8leading-0.8lagging			
THDi	3%			
Efficiency				
Max. Efficiency	98.6%	98.6%	98.6%	98.6%
Euro Efficiency	98.2%	98.3%	98.3%	98.3%
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	380x483x193mm			
Weight	20.7kg			
Operating Temperature Range	-25℃~+60℃			
Cooling Type	Fan Cooling			
Max. Operation Altitude	4000m			
Max. Operation Humidity	0-100%(No Condensation)			
AC Output Terminal Type	Connector			
IP Class	IP66			
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.

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پلاک۸، ساختمان دیدار، طبقه ۷، کد پستی: ۱۵۱۸۸۳۴۷۲۲