Generating Superior Solutions for Energy and More.

KSTAR
Powering the Future

BlueKernel NEW

Three Phase / On-grid / 125 kW

- Max. PV Voltage up to 1100 V
- Type II DC / AC SPD
- Compatible for Big Capacity PV Panel
- WiFi / 4G Plug Optional
- DC / AC Ratio up to 2
- IP66 Protection
- High Efficiency up to 98.7%
- Smaller and Lighter

MODEL	G125KT7
Input(DC)	
Max.DC Voltage	1100 V
Max.Input Current Per MPPT	40 A
Max.Short-circuit Current Per MPPT	60 A
Start Voltage	350 V
MPPT Voltage Range	200 - 1000 V
Nominal Voltage	650 V
Number of MPPT	8
Strings Per MPPT	2
Output(AC)	
Nominal AC Output Power	125 kW
Max. AC Apparent Power	125 kVA
Nominal AC Voltage	230 V / 400 V,3W +PE,3W+N+PE
AC Grid Frequency Range	50 / 60 Hz ±5Hz
Max. Output Current	181.2 A
Power Factor (cosΦ)	0.8 leading - 0.8 lagging
THDi	< 3% (Nominal Power)
Efficiency	
Max. Efficiency	98.7%
Euro Efficiency	98.5%
Protection Devices	
DC Switch	Yes
Anti-islanding Protection	Yes
Output Over Current Protection	Yes
DC Reverse Polarity Protection	Yes
String Fault Detection	Optional
DC / AC Surge Protection	DC Type II; AC Type II
AC Short Circuit Protection	Yes
AFCI Function	Optional
Night SVG Function	Optional
PID Recovery	Optional
Insulation Detection	Yes
Residual Current Monitoring	Yes
General Specifications	
Dimensions (W x H x D)	965 x 700 x 355 mm
Weight	85 kg
Operating Temperature Range	-30 ~ 60°C
Cooling Type	Fan Cooling
Max. Operation Altitude	5000 m (> 4000 m Derating)
Max. Operating Humidity	0 ~ 100%
IP Class	IP66
Noise	≤ 75 dB
Topology	Transformer less
Communication	RS-485 / PLC / WIFI / 4G
Display	LED, Buletooth + APP

* For the latest certificate information, please contact Kstar.

© 2024 Shenzhen KSTAR New Energy Co.,Ltd. All rights reserved. Data subject to change without prior notice.