

# BluE Series

Three Phase / On-grid / 15–25 kW



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



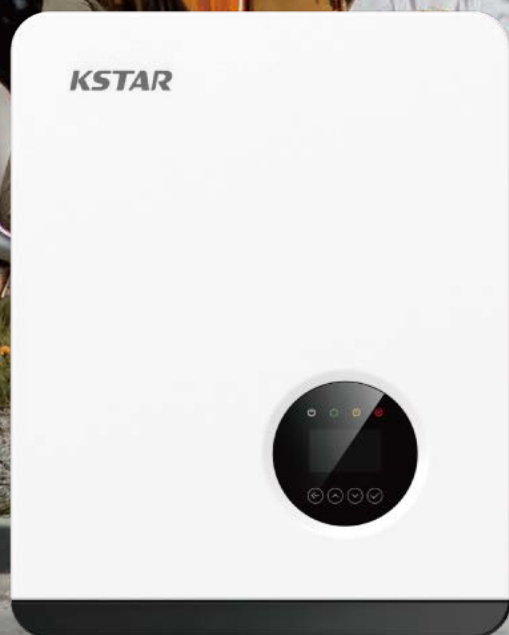
Compatible for Big Capacity PV Panel  
WiFi Logger Standard / 4G Logger Optional



DC / AC Ratio up to 1.3  
IP66 Protection



High Efficiency up to 98.6%  
Smaller and Lighter



MODEL	BluE-15KT-M1	BluE-20KT-M1	BluE-25KT-M1
<b>Input (DC)</b>			
Max. DC Voltage	1100 V		
Nominal Voltage	650 V		
Start Voltage	250 V		
MPPT Voltage Range	140 ~ 1000 V		
Number of MPPT Tracker	2		
Strings per MPPT Tracker	2 / 1	2	2
Max. input Current per MPPT	30 A / 15 A	30 A	30 A
Max. Short-circuit Current per MPPT	40 A / 20 A	40 A	40 A
<b>Output (AC)</b>			
Nominal AC Output Power	15000 W	20000 W	25000 W
Max. AC Output Power	16500 VA	22000 VA	27500 VA
Nominal AC Voltage	400 V / 230 V, 3P+N+PE		
AC Grid Frequency Range	50 Hz / 60 Hz (±5 Hz)		
Max. Output Current	23.9 A	31.9 A	39.9 A
Power Factor (cosΦ)	-0.8 (Lagging) ~ 0.8 (Leading)		
THDi	3%		
<b>Efficiency</b>			
Max. Efficiency	98.6%		
Euro Efficiency	98.2%	98.3%	98.3%
<b>Protection Devices</b>			
DC Switch	Yes		
Anti-islanding Protection	Yes		
Output Over Current 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		
<b>General Specifications</b>			
Dimensions (W x H x D)	380 × 483 × 193 mm		
Weight	20.7 kg		
Operating Temperature Range	-25°C ~ +60°C		
Cooling Type	Natural cooling	Fan Cooling	Fan Cooling
Max. Operating Altitude	4000 m		
Max. Operating Humidity	0 ~ 100% (No condensation)		
AC Output Terminal Type	Connector		
IP Class	IP66		
Topology	Transformerless		
Communication Interface	RS-485 / WIFI / 4G		
Display	LCD		
Certification & Standard	EN/IEC 62109-1/2 ; IEC/EN 61000-6-2; IEC/EN 61000-6-4; IEC 61683; IEC 60068; IEC 60529; IEC 62116; IEC 61727; EN 50549-1; VDE-AR-N-4105; VDE 0126-1-1; CEI 0-21; G99; C10/11; NB/T 32004-2018 ; GB/T 19964-2012		