

BlueGlow Series **NEW**

Three Phase / On-grid / 10–25 k



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



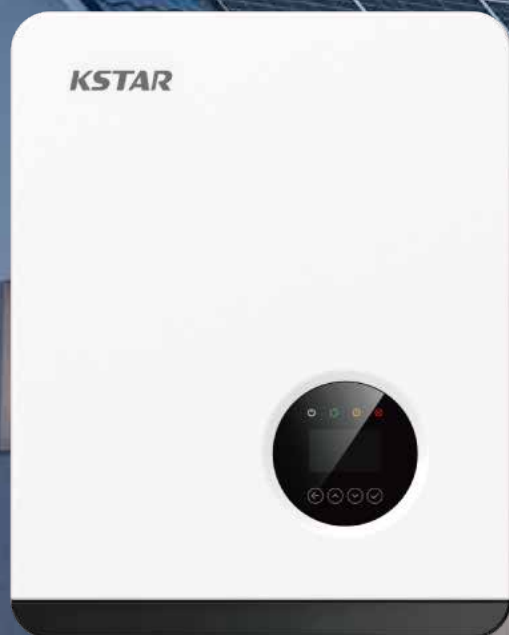
Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



DC / AC Ratio up to 1.3
IP66 Protection



High Efficiency up to 98.6%
Smaller and Lighter



MODEL	BluE-10KT-M6	BluE-12KT-M6	BluE-15KT-M6	BluE-20KT-M6	BluE-25KT-M6
Input (DC)					
Recommended Max. PV Array Input Power @STC	13 kW	15.6 kW	19.5 kW	26 kW	32.5 kW
Max. DC Voltage	1100 V				
Nominal Voltage	650 V				
Start Voltage	250 V				
MPPT Voltage Range	140 ~ 1000 V	140 ~ 1000 V	140 ~ 1000 V	140 ~ 1000 V	200 ~ 1000 V
MPPT Voltage Range (Full load)	420 ~ 850 V	420 ~ 850 V	420 ~ 850 V	480 ~ 850 V	480 ~ 850 V
Number of MPPT	2				
Max. Number of String per MPPT	1	1	1	2	2
Max. Input Current per MPPT	20 A	20 A	20 A	32 A	40 A / 32 A
Max. Short-circuit Current per MPPT	30 A	30 A	30 A	50 A	60 A / 50 A
Output (AC)					
Nominal AC Output Power	10000 W	12000 W	15000 W	20000 W	25000 W
Max. AC Output apparent Power	11000 VA	13200 VA	16500 VA	22000 VA	27500 VA
Max. AC Output active Power	11000 W	13200 W	16500 W	22000 W	27500 W
Nominal Voltage	400 V / 230 V, 3P+N+PE				
AC Grid Frequency Range	50 Hz / 60 Hz				
Max. Output Current	16 A	19.2 A	23.9 A	31.9 A	39.9 A
Power Factor (Φ)	-0.8 (Lagging) ~ 0.8 (Leading)				
THDi	< 3% (Nominal Power)				
Efficiency					
Max. Efficiency	98.3%	98.3%	98.3%	98.6%	98.6%
Euro Efficiency	98.0%	98.0%	98.0%	98.3%	98.3%
Protection devices					
DC Switch	Yes				
Output Over Current Protection	Yes				
Anti-islanding Protection	Yes				
DC Reverse Polarity Protection	Yes				
Insulation Detection	Yes				
DC / AC Surge Protection	DC Type II; AC Type III; Type II Optional				
Residual Current Monitoring	Yes				
AFCI	Optional				
General Specifications					
Dimensions (W x H x D)	380 x 483 x 161 mm	380 x 483 x 161 mm	380 x 483 x 193 mm	380 x 483 x 193 mm	380 x 483 x 223 mm
Weight	16 kg	16 kg	18.8 kg	18.8 kg	19.6 kg
Operating Temperature Range	-25°C ~ +60°C				
Cooling Type	Natural cooling	Natural cooling	Natural cooling	Fan cooling	Fan cooling
Max. Operating Altitude	4000 m (> 3000 m derating)				
Max. Operating Humidity	0 ~ 100%				
AC Output Terminal Type	OT				
IP Class	IP66				
Topology	Transformerless				
PV Input Terminal Type	MC4				
Display	LCD				
Certification & Standard	EN/IEC 62109~1; EN/IEC 62109~2; IEC/EN 61000~6~1; IEC/EN 61000~6~3; IEC/EN 61000~6~2; IEC/EN 61000~6 4; IEC 61683; IEC 60068; IEC 62116; IEC61727;				