

BlueGlow Sereis

Three Phase / On-grid / 20 kW



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



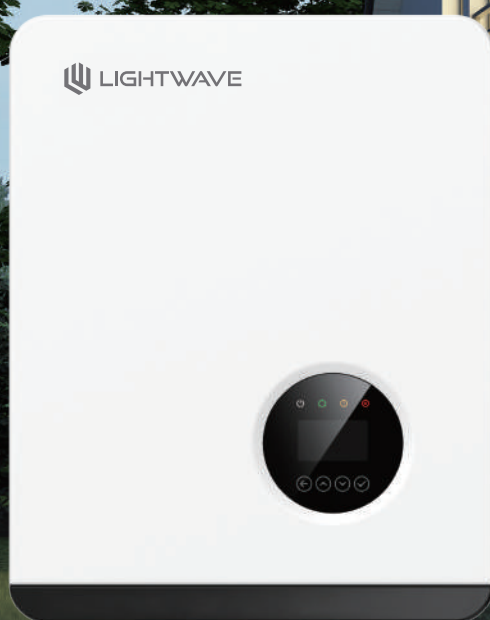
Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



DC / AC Ratio up to 1.3
IP66 Protection



High Efficiency up to 98.6%
Smaller and Lighter



MODEL	BluE-20KT-M6
Input (DC)	
Recommended Max. PV Array Input Power @STC	26 kW
Max. DC Voltage	1100 V
Nominal Voltage	650 V
Start Voltage	250 V
MPPT Voltage Range	140 ~ 1000 V
MPPT Voltage Range(Full load)	480 ~ 850 V
Number of MPPT	2
Max.Number of String per MPPT	2
Max. Input Current per MPPT	32 A
Max. Short-circuit Current per MPPT	50 A
Output (AC)	
Nominal AC Output Power	20000 W
Max. AC Output apparent Power	22000 VA
Max. AC Output active Power	22000 W
Nominal Voltage	400 / 230 V, 3P+N+PE
AC Grid Frequency Range	50 Hz / 60 Hz
Max. Output Current	31.9 A
Power Factor (Φ)	0.8 leading - 0.8 lagging
THDi	< 3% (Nominal Power)
Efficiency	
Max. Efficiency	98.6%
Euro Efficiency	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 193 mm
Weight	18.8 kg
Operating Temperature Range	-25°C ~ +60°C
Cooling Type	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;