

BlueWave Series **NEW**

Three Phase / 1500 Vdc / 350 kW

Lower CapEx and OpEx

- ▶ Power Line Communication (PLC)
- ▶ Night SVG Function
- ▶ Support Both Al and Cu Cable

Maximize Solar Yield

- ▶ 16 Independent MPPT
- ▶ Max. Efficiency up to 99%
- ▶ Smart I-V Curve Scan

Improved Safety

- ▶ Type II DC & AC SPD
- ▶ Anti-PID Function
- ▶ AFCI Optional



MODEL	G350KTHC		G350KTH	
Input (DC)				
Max. DC Voltage	1500 V			
Max. Input Current per MPPT	30 A		40 A	
Max. Short-circuit Current per MPPT	45 A		60 A	
Start Voltage	650 V			
MPPT Voltage Range	500 V ~ 1500 V			
Number of Strings	32		24	
Number of MPPT	16		12	
Strings per MPPT	2			
Output (AC)				
Nominal AC Output Power	350 kW			
Max. AC Apparent Power	352 kVA			
Nominal AC Voltage	800 V, 3W+PE			
Nominal Frequency	50 / 60 Hz ±5Hz			
Frequency Range	45 ~ 55 Hz / 55 ~ 65 Hz			
Max. Output Current	254 A			
Power Factor (cosΦ)	0.8 leading - 0.8 lagging			
THDi	< 3% (at nominal power)			
Efficiency				
Max. Efficiency	99%			
Protection Devices				
DC Switch	Yes			
Anti-islanding Protection	Yes			
Over Current Protection	Yes			
DC Reverse Polarity Protection	Yes			
String Fault Detection	Yes			
DC / AC Surge Protection	Type II			
AC Short Circuit Protection	Yes			
Residual Current Detection	Yes			
PID Recovery	Optional			
Night SVG Function	Optional			
General Specifications				
Dimensions (W x H x D)	1180 x 860 x 362 mm			
Weight	125 kg			
Operating Temperature Range	-30 ~ 60°C			
Cooling Type	Fan Cooling			
Max. Operation Altitude	5000 m (> 3000 m Derating)			
Max. Operating Humidity	0 ~ 100% (non-condensing)			
AC Output Terminal Type	OT terminal			
IP Class	IP66			
Noise (dB)	≤ 75 dB			
Topology	Transformerless			
Communication	Modbus RS-485 / PLC			
Display	LED, Buletooth+APP			