KSTAR
Powering the Future

BlueWave Series

NEW

Three Phase / 1500 Vdc / 350 kW

Lower CapEx and OpEx

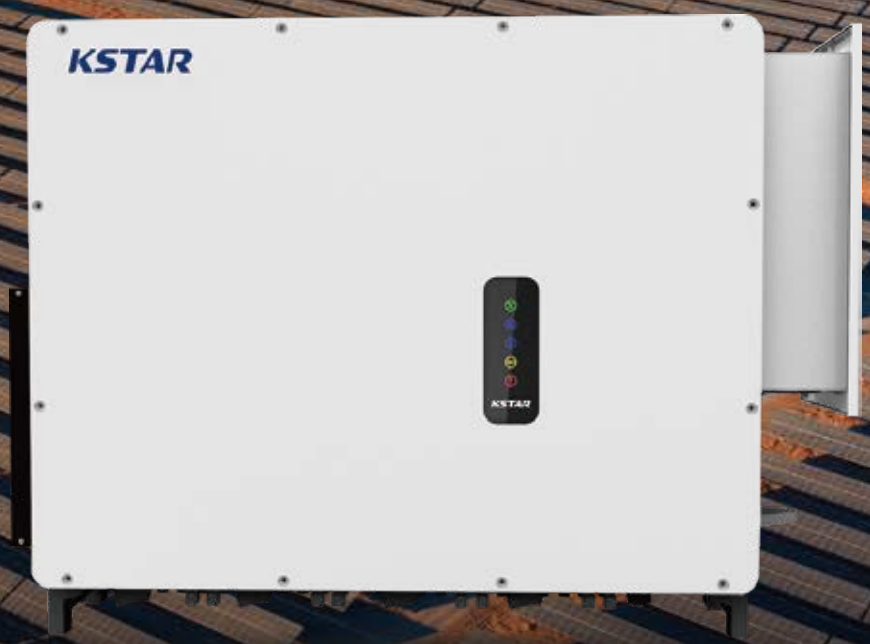
- Power Line Communication (PLC)
- Night SVG Function
- Support Both Al and Cu Cable

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℃	
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	

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