

Beta Series 215K-EHV

THREE PHASE INVERTER 5G



Features

- Efficient**
 9/12/14 MPPT, 99% maximum efficiency.
 200% DC/AC ratio.
 High power tracking density 60 MPPT/MW.
 Compatible with 500W+ bifacial modules.
- Smart**
 • SVG night function.
 Intelligent monitoring of strings. Intelligent I-V curve scanning.
 Remote firmware upgrade with easy operation.
- Safe**
 IP66.
 Built-in PID recovery for better module performance.
 Fuse free design, safe and maintenance free
 Globally recognised branded componentry for longer life.
- Economic**
 Power line communication (PLC) (optional).
 DC side supports "Y" connector.
 Supports aluminium wire access to reduce cost.
 Reserve DC energy storage access.

Technical Specifications

INPUT DC	
Maximum Input Voltage	1500V
Rated Voltage	1080V
Start-up Voltage	600V
MPPT Voltage Range	580-1500V
Maximum Input Current	9*30A
Maximum Short Circuit Current	9*50A
MPPT Number/Max. Input Strings Number	9/18
OUTPUT AC	
Rated Output Power	215kVA @ 30°C/205kVA @ 40°C/195kVA @ 50°C
Rated Grid Voltage	3/PE, 800V
Grid Voltage Range	640-920V
Rated Grid Frequency	50/60Hz
Maximum Output Current	155.2A
Power Factor	> 0.99 (0.8 leading - 0.8 lagging)
THDi	< 3%
EFFICIENCY	
Maximum Efficiency	99.0%
CEC Efficiency	98.8%

Technical Specifications

PROTECTION	
DC Reverse-Polarity Protection	Yes
Short Circuit Protection	Yes
Output Over Current Protection	Yes
Surge Protection	DC Type II/AC Type II
Grid Monitoring	Yes
Anti-Islanding Protection	Yes
Temperature Protection	Yes
Strings Monitoring	Yes
I/V Curve Scanning	Yes
Night Time SVG Function	Yes
Integrated PID Recovery	Yes
Integrated DC Switch	Yes
GENERAL DATA	
Dimensions (W*H*D)	1125*770*384 mm
Weight	113kg
Topology	Transformerless
Self Consumption (Night)	< 2W
Operating Ambient Temperature Range	-25 ~ +60°C
Relative Humidity	0-100%
Ingress Protection	IP66
Cooling Concept	Intelligent redundant fan-cooling
Maximum Operation Altitude	4000m
Grid Connection Standard	EN50549, G99, AS4777.2, VDE0126, IEC61727, VDE4110, CEA 2019
Safety/EMC Standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-2/-4
FEATURES	
DC Connection	MC4 connector
AC Connection	OT terminal (maximum 300 mm ²)
Display	LCD
Communication	RS-485, Optional: PLC

Product specifications are subject to change without further notice.

