



## **BLUE.G Series**

### **ON-Grid String Inverter**

- Compatible to big capacity Panels
- Three Phase Voltage
- Max. PV-voltage up to 1100 V
- Triple MPPT
- Transformer less
- High efficiency up to 98.5%
- LCD Display
- Wi-Fi 4 G Plug optional
- RS485 communication slot
- IP65 Protection



**Technical Specification**

Model	BLUE-25G,	BLUE-30G	BLUE-40G
<b>INPUT DC</b>			
Max. PV array Power	37500W	45000W	60000W
Mzx. DC voltage	1100V		
Nominal voltage	600V		
Start voltage	600V		
MPPT voltage range	200V-1000V		
Number of MPPT	3 Tracker		
String per MPPT	2 String		
Max. input current / MPPT	30 A		
Short-circuit current/ MPPT	50 A		
<b>Output AC</b>			
Nominal output AC power	25000 W	30000 W	40000 W
Nominal output voltage	400 V- 3 Phase + N		
AC frequency range	50 / 60 Hz $\pm$ 5% Hz		
Normal output current	39,7 A	47,7 A	63,6 A
Power Factor $\phi$	0,8 leading – 0,8 lagging		
THDi	3%		
<b>Efficiency</b>			
Max. efficiency	98,6%	98,7%	98,7%
Euro efficiency	98,3%	98,4%	98,4%
<b>Protection devices</b>			
DC switch	Yes		
Output over current	Yes		
Anti-islanding protection	Yes		
DC polarity protection	Yes		
String fault Detection	Yes		
AC/DC Surge protection	Type II		
Insulation detection	Yes		
AC short circuit protection	Yes		
<b>GENERAL</b>			
AC output terminal type	Connector		
Communication	RS 485, Wi-Fi (option), 4 G		
IP class	IP65		
Topology	Transformer-less		
Display	LCD		
<b>ENVIRONMENT</b>			
Humidity	0 – 100 % (no condensing)		
Operating temperature	-25 °C to 65 °C		
Cooling type	Fan cooling		
Max. operation altitude	4000 m		
<b>OTHERS</b>			
Weight	35		
Dimension W x H x D	380 x 483 x 227 mm		

Specifications is subject to change without prior notice

