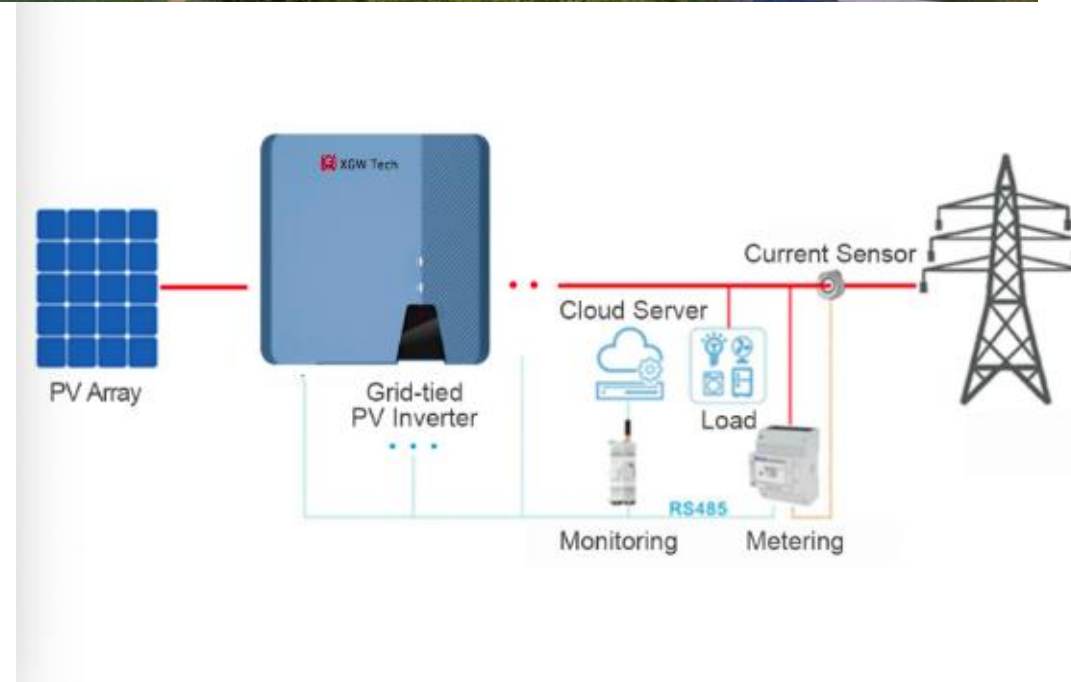


Three phase On-Grid MPPT Solar inverter



Main features

- 1.IP65 Rated design for outdoor use
- 2.Integrated DC Switch
- 3.User friendly App interface
- 4.Online monitoring via WI-FI and apps
- 5.Dual MPPTs for flexible array design
- 6.Compact wall mount design
- 7.Quick setup and commissioning with Apps
- 8.Toolless DC connection via Phoenix contact connectors



TECHNICAL PARAMETER

Model	BW 10K-LT-G2	BW 15K-LT-G2	BW 20K-LT-G2
Rated power	10000W	15000W	20000W
DC Input			
Max.PV array power	15000Wp STC	22500Wp STC	30000Wp STC
Max input voltage	1100V		
MPP Voltage range/Rated input Voltage	150-1000V/630V		
Min.Input Voltage	125V		
Initial.feed in voltage	180V		
Max operating input current	26A/13A	26A/26A	26A/26A
Max.short circuit current	40A/20A	40A/40A	40A/40A
No.of independent MPPT Inputs/strings per MPPT input	2/A:1;B:1	2/A:2;B:1	2/A:2;B:1
AC input			
Rated power	10000W	15000W	20000W
Max.apparent AC Power	10000VA	15000VA	20000VA
AC Norminal Voltage			
AC voltage range	220V/380V,230V/400V,240V/415V		
AC Grid frequency/range	160-300V		
AC Grid frequency/range	45Hz to 55Hz 55Hz to 65Hz		
Max.output current	16A	24A	31.9A
Adjustable power factor range	0.8 leading to 0.8 lagging		
Feed-in phases	1		
Harmonic distortion (THD) at rated output	<3%		
Efficiency &Protection			
Max efficiency/European efficiency	98.6%/98.2%		
DC Switch	YES		
Ground fault monitoring/grid monitoring	YES/YES		
DC Reverse polarity protection/AC short circuit protection	2*5pin/Pitch 2.54nm,lithium battery BMS communication card,WIFI		
All-pole-sensitive residual-current monitoring unit	YES		
Protection class(according to IEC62109-1)/overvoltage category(According to IEC 62109-1)	1/AC:III;DC:II		
General Data			
Self-consumption(at night)	<1W		
Cooling concept	Natural convection	Active cooling	
Topology	Transormerless		
Climatic Category (according to IEC60721-3-4)	4K4H		
Degree protection	IP66		
Operation temperature	-25°C to 60°C		
Humidity	100%(non-condensing)		
Dimension	503*435*183mm		
Altitude	<3000meter		
Features			
DC connection	Phoenix contact		
AC connection	Plug-in connector		
Mounting type	Wall-mounted bracket		
LED Indicators(Status/Fault/Communication)	YES		
Communication interface	WIFI/4G/RS485(optional)		