

XTRA POWER LF SERIES HYBRID INVERTER

CBG-HF3. 5/5. 5/7. 5KW-SGM-A

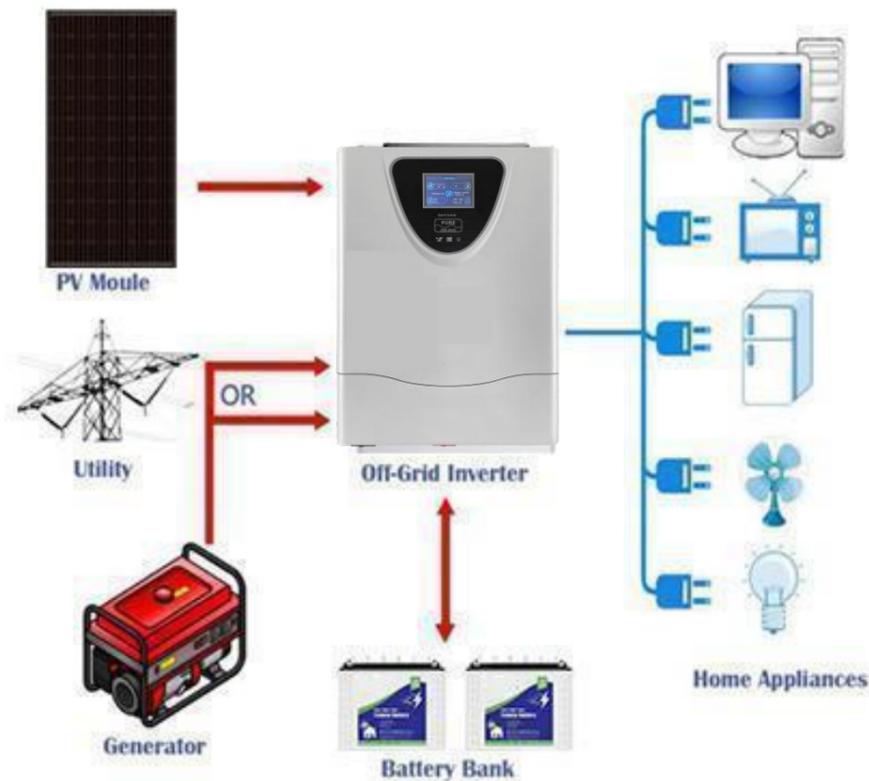


This series can be applied to: household appliances, office equipment, industrial and agricultural power tools, electronic communications, network transmission equipment, vehicle and ship equipment etc.

Main Features:

1. Toroidal transformer, high invert efficiency, pure sine wave output;
2. Intelligent LED touch screen integrated display, full automatic protections;
3. New design, built-in MPPT solar charge controller;
4. The utility charging current is adjustable, three-stage charging: constant current, constant voltage, floating charge;
5. Three working modes are optional: utility priority, battery priority, solar priority;

Solar System Connection



Hybrid Solar Inverter

Technical Specifications:

Model	CBG-HF3. 5KW-SGM-A	CBG-HF5. 5KW-SGM-A	CBG-HF7. 5KW-SGM-A
RATED POWER	3000W	4500W	6000W
INPUT			
Voltage Range	165-260VAC		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
OUTPUT			
AC Voltage	220 VAC ± 5% 50Hz ± 1%		
Over load	110-120%/30S; >160%/300ms		
Efficiency (Peak)	85%		
Transfer Time	<10ms		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	24VDC	48 VDC	48 VDC
Charge Voltage	27.5V (±2%)	54V (±2%)	54V (±2%)
SOLAR CHARGER & AC CHARGER			
MPP Range ©operating Voltage	60-180VDC	60-180VDC	60-180VDC
Max. Solar Charge Current	60 A	60 A	80 A
Max. AC Charge Current	30 A	30 A	30 A
Max. Charge Current	60 A	60 A	80 A
PHYSICAL			
Dimension, D x W x H (mm)	450*280*140	555*307*189	555*307*189
Weight (kgs)	16	26	30
Protections	Over Load/Battery Over Voltage/Battery Low Voltage/Short Circuits/Over Temperature		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10° C to 50° C		
Storage Temperature	-15° C to 60° C		

Can be customized from 1-6KW capacity.

Note: Product specifications are subject to change without further notice.