

# SOLAR ENERGY

## 120KW~500KW INVERTER

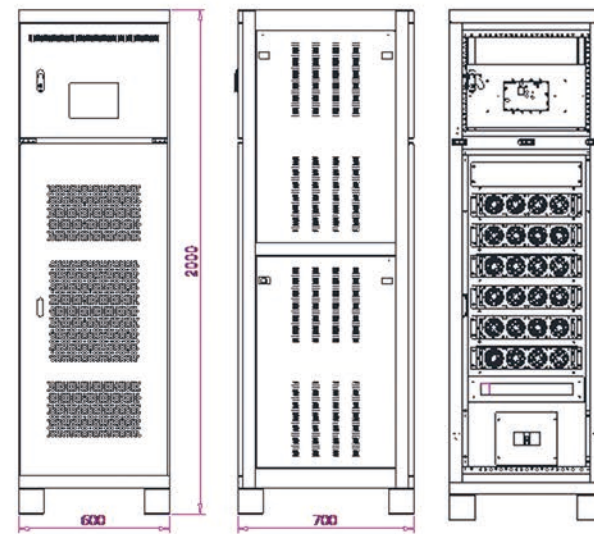
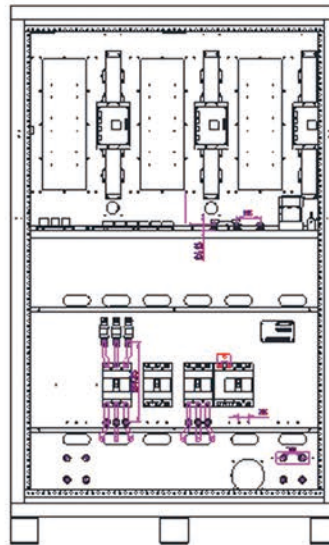
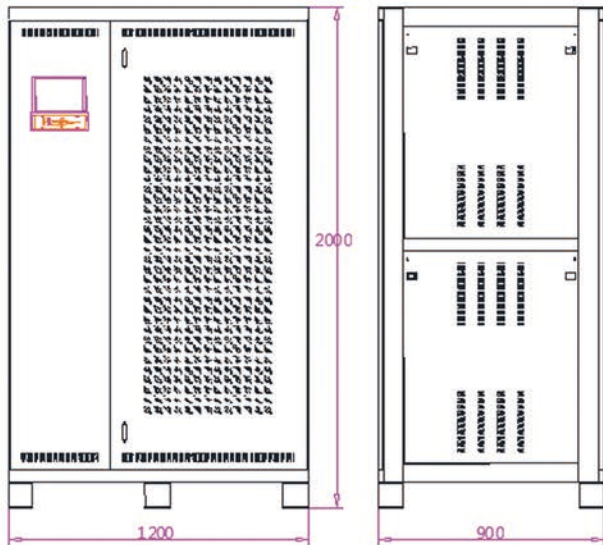
### PARALLEL FUNCTION



#### Features:

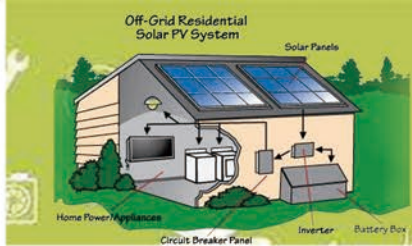
- ◆ Using American TI DSP microprocessor as figure controller;
- ◆ Perfect protection and warning functions;
- ◆ Circuit frame compact, Max. Efficiency  $\geq 94\%$ ;
- ◆ With wide input voltage range;
- ◆ RS232/485 communication, multi communication interface can be selected;
- ◆ Big-screen English LCD, perfect display, interface-friendly;
- ◆ 5 Protection functions, alarm when system failure, high reliability

# Off-grid, Three Phase, Solar Inverter



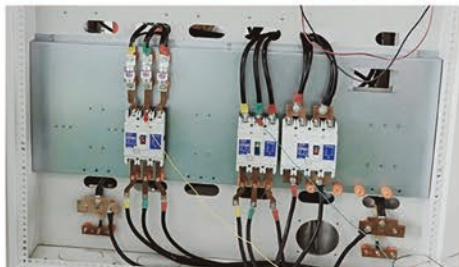
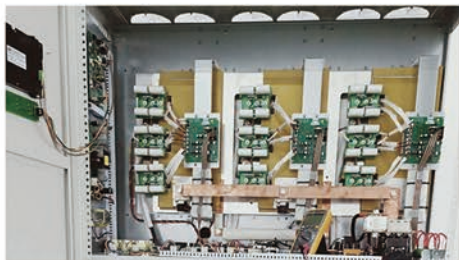
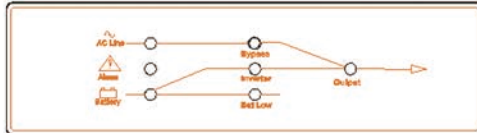
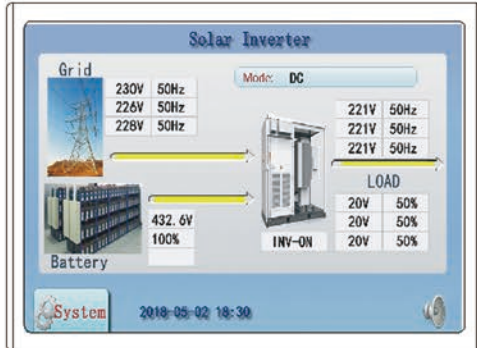
150KAV(120KW) INVERTER

200A(DC360V)MPPT



# Off-Grid Three Phase Solar Inverter 150KVA

Parallel Function



## Technical Parameters:

Model		LXINV120K	LXINV140K
Rated power		120KW	140KW
Battery	Rated voltage	360VDC/384VDC	
	Charge current	240A	
Input	Voltage	380V/400V/415V -40%~+20%	
	Frequency	50Hz/ 60Hz (40Hz ~70Hz)	
Output	Voltage	Inverter: 380V	
	Frequency	50/60Hz	
	Output Waveform	Pure sine wave	
	Conversion time	<10ms	
	Efficiency	>90%	
	Overload	110%/30min; 125% / 10min, 150% /10s , >150%/ 200ms	
Protection function		Battery overvoltage protection, battery undervoltage protection, overload	
Working mode		Parallel function (optional)	
Display		Touch LCD Screen	
Cooling method		Air-cooled	
Operation Temperature		0~60%	
Dimensions:DxWxH (mm)		900 x 1200 x 2000	900 x 1200 x 2000
Weight (kg)		600	700
Protect Grade IEC(60529)		IP20	
<b>Mppt Controller Cabinet:</b>			
Solar input	Input voltage	420-550VDC	
	Maximum current	200A (40A~200A optional)	
	Power	220V:10KW; 360V:20KW	220V: 20KW; 360V:40KW
Dimensions:DxWxH (mm)		600 x 700 x 2000	
Weight (kg)		200	