

SERIES MODELS

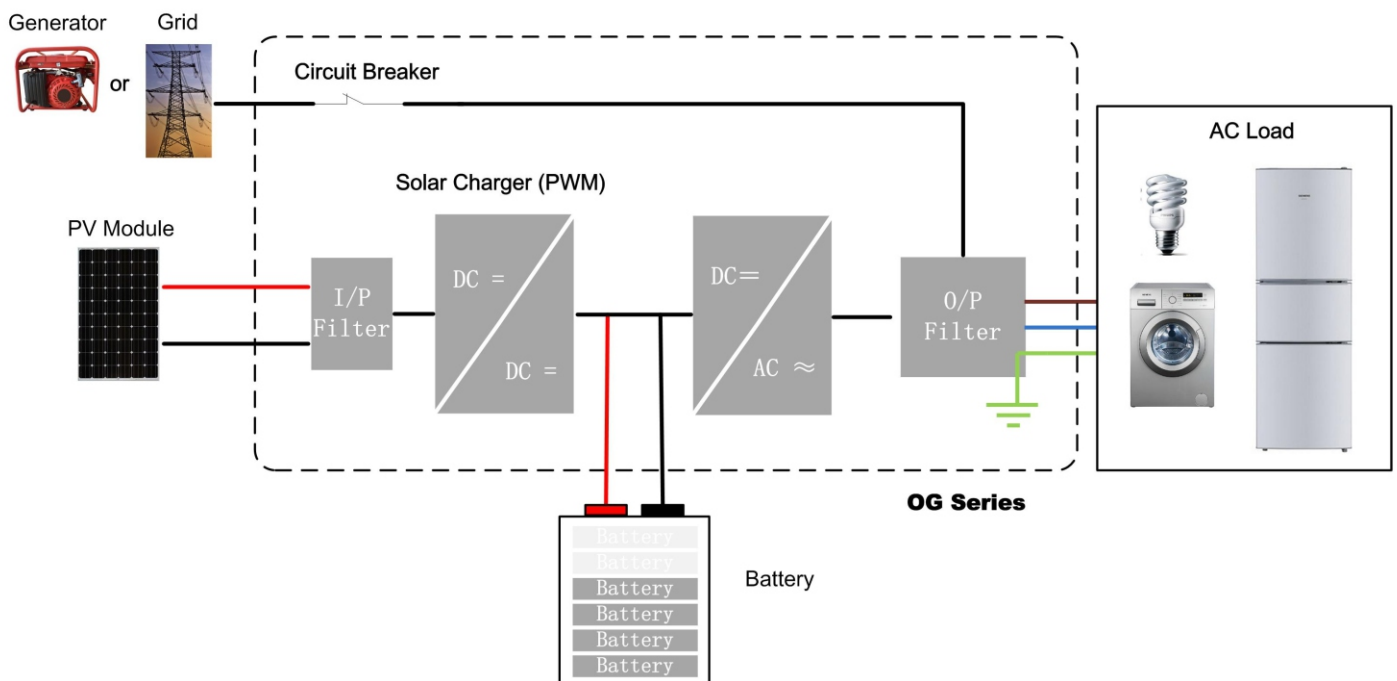
Sunwins OG-1K	Sunwins OG-2K	Sunwins OG-3K	Sunwins OG-4K	Sunwins OG-5K
Sunwins OG-1K-SCC	Sunwins OG-2K-SCC	Sunwins OG-3K-SCC	Sunwins OG-4K-SCC	Sunwins OG-5K-SCC
Sunwins OG-2K-SCC PLUS		Sunwins OG-3K-SCC PLUS		

PRODUCT FEATURES



- Pure sine wave inverter
- Built-in PWM solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Parallel operation with up to 6 units only available for 4KVA/5KVA
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance

BLOCK DIAGRAM



PART II / OFF-GRID INVERTER SUNWINS OG SERIES

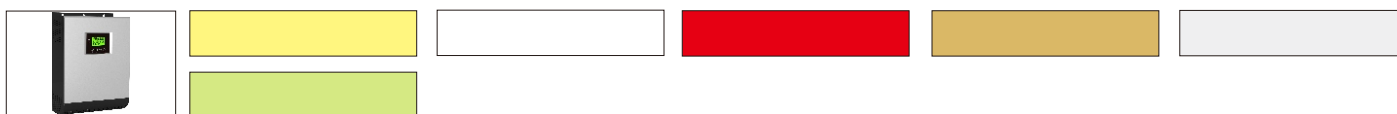


TECHNICAL DATA

	Sunwins OG-1K	Sunwins OG-2K	Sunwins OG-3K	Sunwins OG-4K	Sunwins OG-5K
Rated Power	1000VA/800W	2000VA / 1600W	3000VA / 2400W	4000VA / 3200W	5000VA / 4000W
Input Data					
Voltage	230 VAC				
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)				
Frequency Range	50 Hz/60 Hz (Auto sensing)				
Output Data					
AC Voltage (Battery Mode)	230 VAC ± 5%				
Surge Power	2000VA	4000VA	6000VA	8000VA	10000VA
Efficiency (Peak)	90%	93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)				
Waveform	Pure sine wave				
Battery Data					
Battery Voltage	12 VDC	24 VDC	48 VDC		
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC		
Overcharge Protection	15 VDC	30 VDC	60 VDC		
Maximum Charge Current	10 A or 20 A	20 A or 30 A			
Solar Changer (Optional)					
Charging Current	50 A				
Maximum PV Array Open Circuit Voltage	30 VDC	60 VDC	90 VDC		
Standby Power Consumption	1 W	2 W			
General Data					
Dimension, W x H x D	240 x 316 x 95 (mm)	272 x 355 x 100 (mm)		295 x 468 x 120 (mm)	
Net Weight	5 kg	6.4 kg	6.9 kg	9.8 kg	
Operating Environment					
Relative Humidity (Non-condensing)	0% to 95%				
Protection Degree	IP 21				
Operating Temperature	-20°C to 55°C				
Storage Temperature	-20°C to 60°C				
Standard Warranty(years)	2 years				
* Typical transfer time for parallel operation is 30ms.					
Product specifications are subject to change without further notice					

Version : 2.0

COLOR OPTIONS



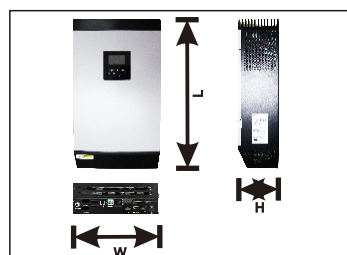
CERTIFICATION



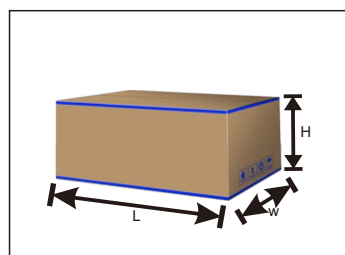
PACKING DATA

Model	N.W (kg)	G.W (kg)	pcs / box	Product Size L*W*H (mm)	Packing Size L*W*H(mm)	20' Ft Container			40' Ft Container			
						pcs*layer	pallet	total(pcs)	pcs*layer	pallet	total(pcs)	
Sunwins OG-1K	5	6	1pcs / box	316*240*95	400*333*210	9*9	10	810	9*9	21	1701	
Sunwins OG-2K	6.4	8.1		355*272*100	500*400*220	6*8		480	6*8		1008	
Sunwins OG-3K	6.9	8.6		468*295*120	600*400*220	5*4	20*	400	5*4	42	840	
Sunwins OG-4K	9.8	11.5		1pcs / box	355*272*128	495*390*250	6*8	10	480	6*8	21	1008
Sunwins OG-5K	7.4	9.4										
Sunwins OG-1K-SCC	7.4	9.4	1pcs / box		355*272*128	495*390*250	6*8	10	480	6*8	21	1008
Sunwins OG-2K-SCC	7.6	9.65										
Sunwins OG-3K-SCC	8	10.05			1pcs / box	479*295*140	590*390*235	5*4	20*	400	5*4	42
Sunwins OG-4K-SCC	12.5	14.8										
Sunwins OG-5K-SCC	13.5	15										
Sunwins OG-2K-SCC PLUS	9.65	11.5	1pcs / box	479*295*140	590*390*235	5*4	20*	400	5*4	42	840	
Sunwins OG-3K-SCC PLUS	9.65	11.5	1pcs / box	479*295*140	590*390*235	5*4	20*	400	5*4	42	840	
Standard Pallet Size	1200*1000*126 (1200*1000*(1006+1006))*											

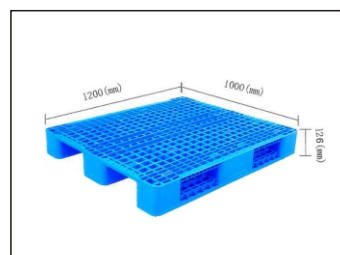
PACKING SIZES



Product Size



Product Packing Size



Standard Pallet Size



Pallet Packing Model

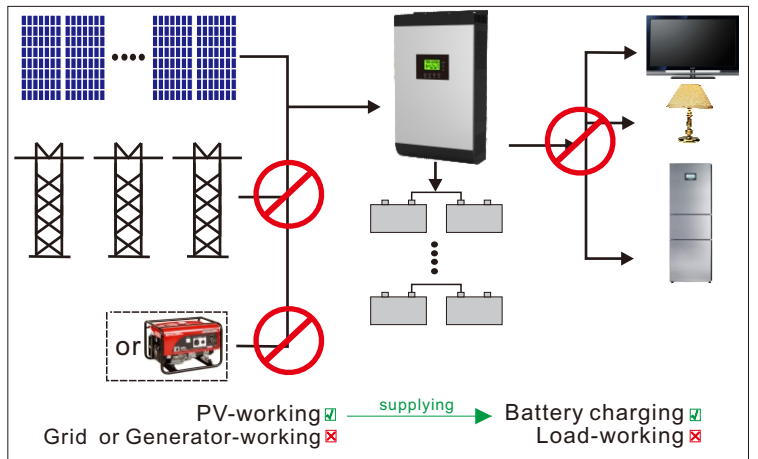
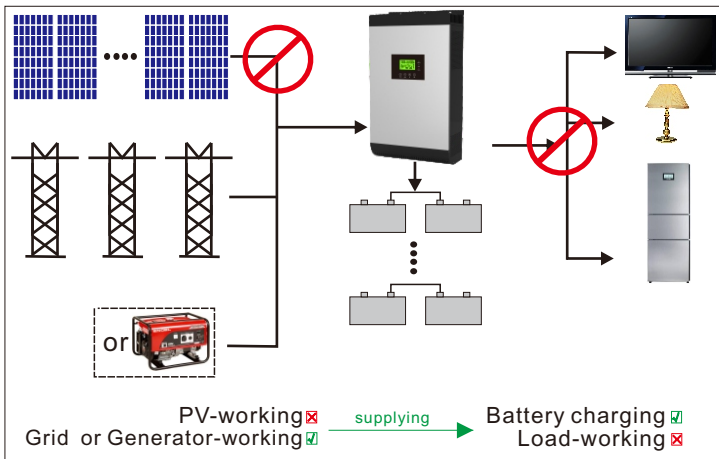
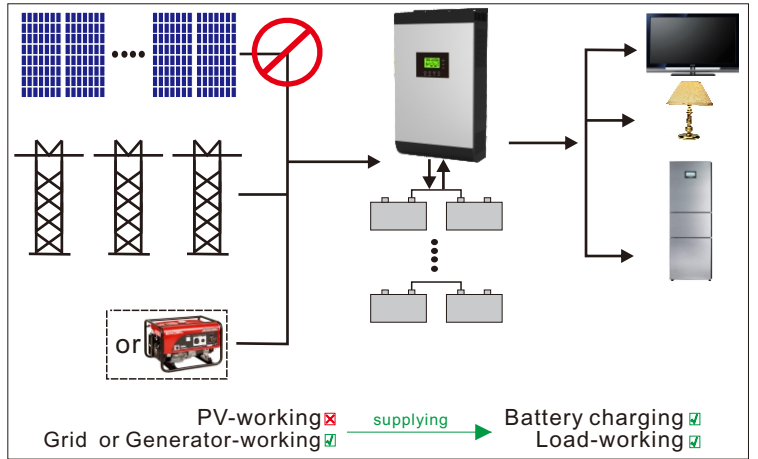
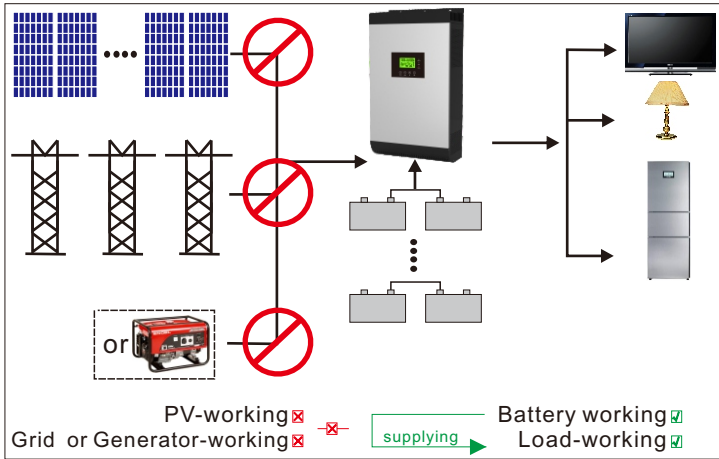
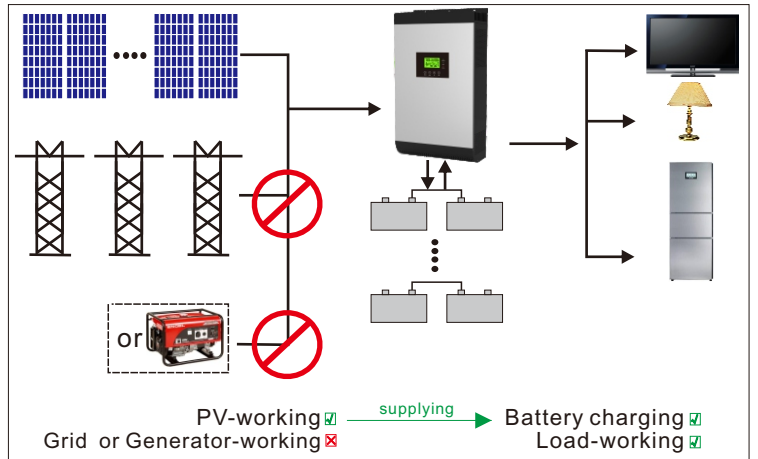
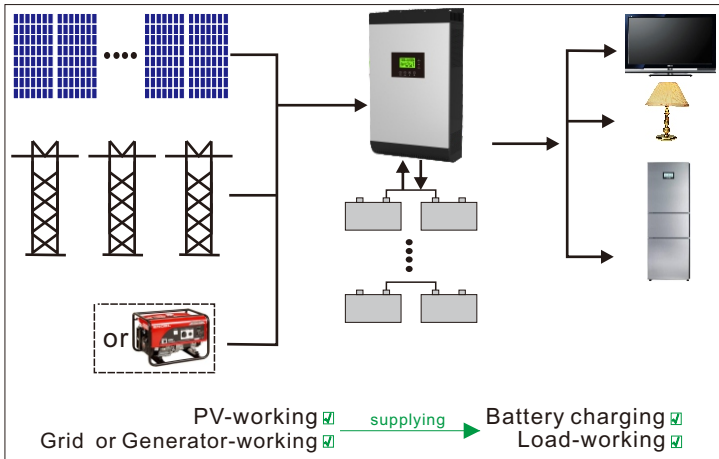
SYSTEM SOLUTION & APPLICATION CASES



We can provide :

- * 1kw to 200kw on-grid / off-grid / storage energy solutions.
- * Professional design and good quality.
- * Ensure safe and convenient construction.
- * Easy to maintain and convenient to replace.
- * Wide applications range for different environments.

DIFFERENT WORKING MODE



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