

SERIES MODELS

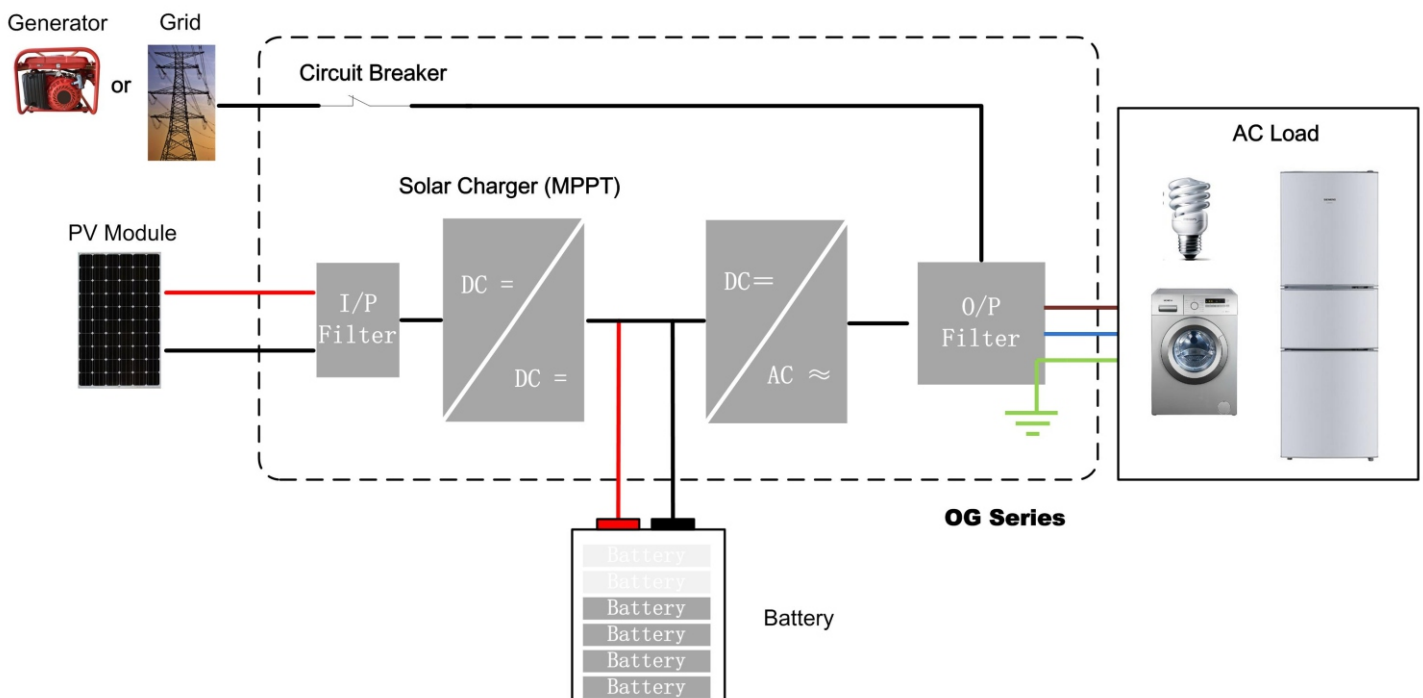
Sunwins OG-1K	Sunwins OG-2K	Sunwins OG-3K	Sunwins OG-4K	Sunwins OG-5K
Sunwins OG-1K-SCC	Sunwins OG-2K-SCC	Sunwins OG-3K-SCC	Sunwins OG-4K-SCC	Sunwins OG-5K-SCC
Sunwins OG-2K-SCC PLUS			Sunwins OG-3K-SCC PLUS	

PRODUCT FEATURES



- Pure sine wave inverter
- Built-in MPPT 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
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance

BLOCK DIAGRAM

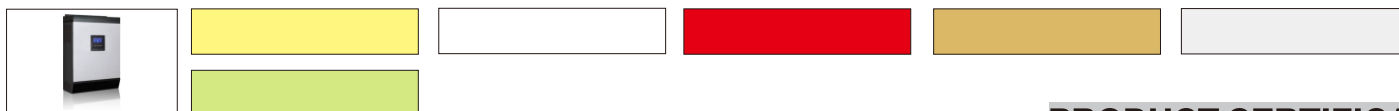


TECHNICAL DATA

	Sunwins OG-2K-SCC PLUS		Sunwins OG-3K-SCC PLUS	
Rated Power	2000VA / 1600W		3000VA / 2400W	
Input Data				
Voltage	120 VAC or 230 VAC			
Selectable Voltage Range	95-140 VAC or 170-280 VAC (For Personal Computers) 65-140 VAC or 90-280 VAC (For Home Appliances)			
Frequency Range	50 Hz/60 Hz (Auto sensing)			
Output Data				
AC Voltage (Battery Mode)	110/120 VAC ± 5% (User selectable) or 230VAC ± 5%			
Surge Power	4000VA		6000VA	
Efficiency (Peak)	90%~93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
Battery & AC Charger				
Battery Voltage	24 VDC	48 VDC	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC	27 VDC	54 VDC
Overcharge Protection	31 VDC	62 VDC	31 VDC	62 VDC
Maximum Charge Current	20 A or 20 A / 30 A*	10 A or 10 A / 15 A*	20 A or 20 A / 30 A*	10 A or 10 A / 15 A*
Solar Charger				
Maximum PV Array Power	1500 W	3000 W	1500 W	3000 W
MPPT Range @ Operating Voltage	30~ 115 VDC or 60 ~ 115 VDC	60 ~ 115 VDC	30~ 115 VDC or 60 ~ 115 VDC	60 ~ 115 VDC
Maximum PV Array Open Circuit Voltage	145 VDC			
Maximum Charging Current	60 A			
Maximum Efficiency	98%			
Standby Power Consumption	2 W			
General Data				
Dimension, W x H x D	295 x 479 x 140 (mm)			
Net Weight	11.5 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			
*There are charging current selection only available for 230VAC system				
Product specifications are subject to change without further notice				

Version : 1.5

COLOR OPTIONS



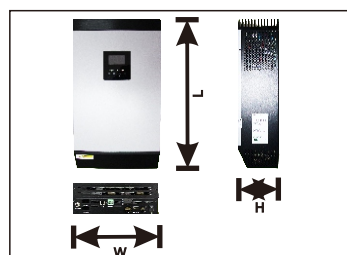
PRODUCT CERTIFICATION



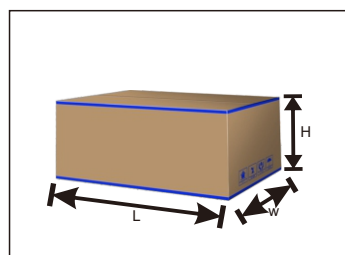
PACKING DATA

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-1K-SCC	7.4	9.4										
Sunwins OG-2K-SCC	7.6	9.65	1pcs / box		479*295*140	590*390*235	5*4	20*	400	5*4	42	840
Sunwins OG-3K-SCC	8	10.05										
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												
Standard Pallet Size	1200*1000*126 (1200*1000*(1006+1006))*											

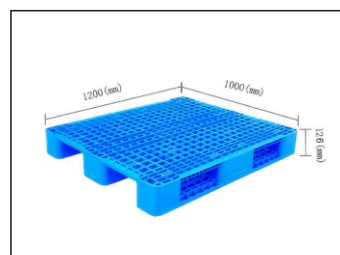
PACKING SIZES



Product Size



Product Packing Size



Standard Pallet Size



Pallet Packing Model

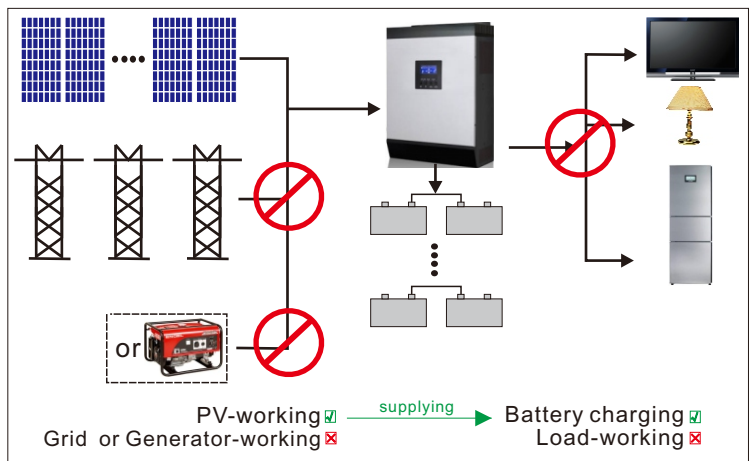
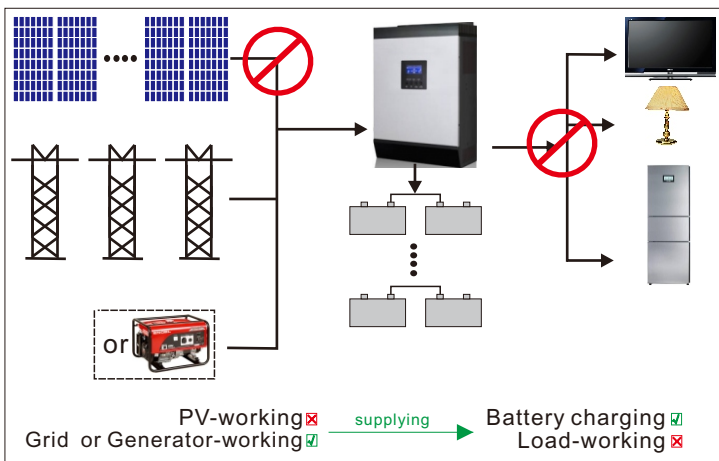
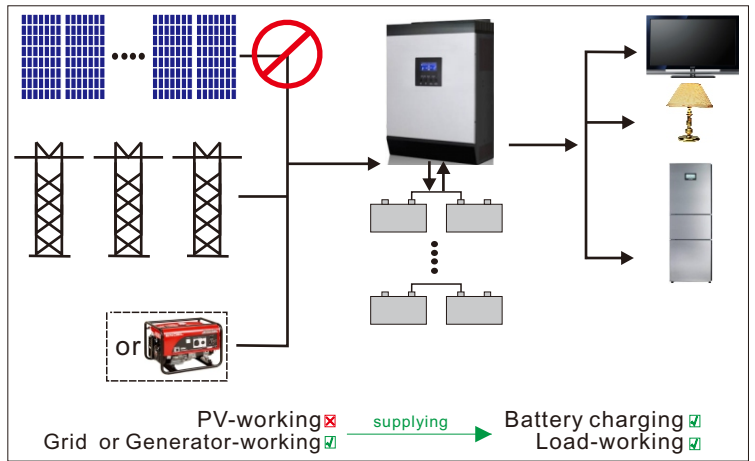
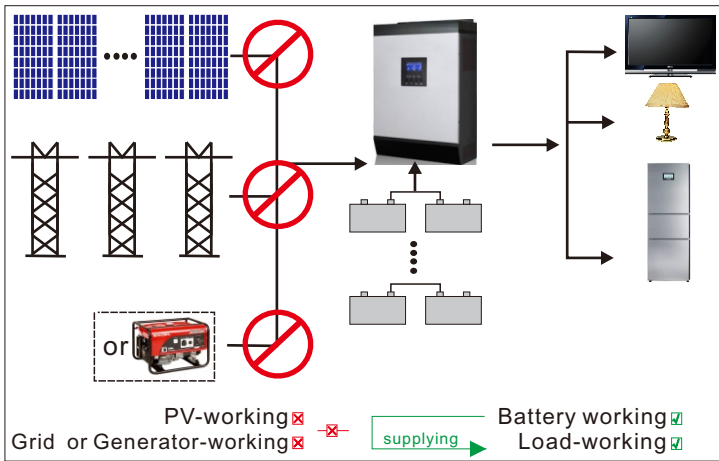
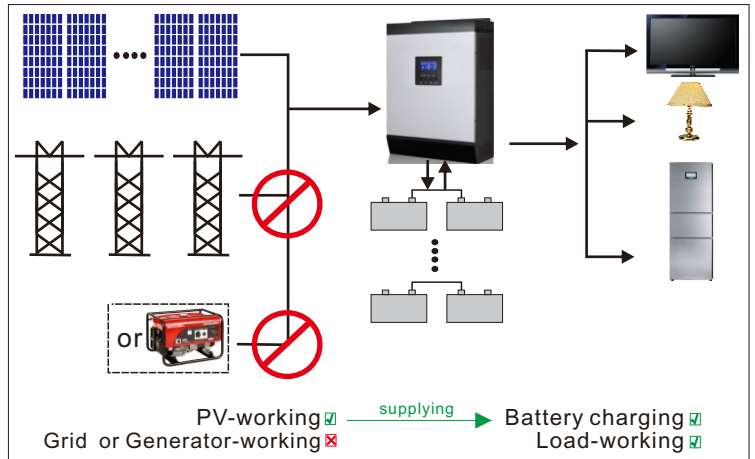
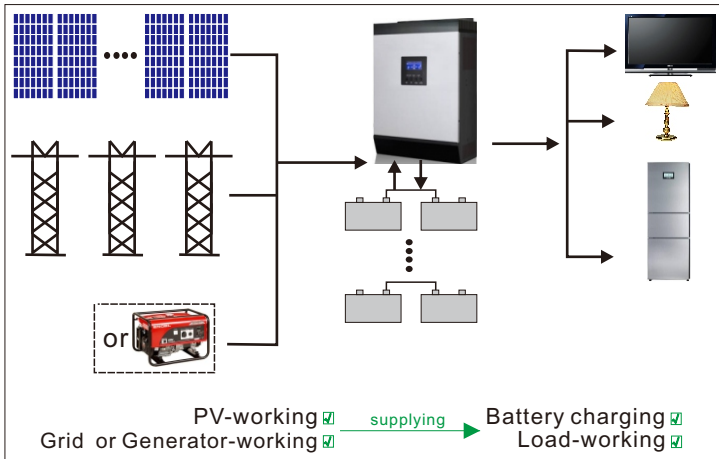
SYSTEM SOLUTION & APPLICATION CASES



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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