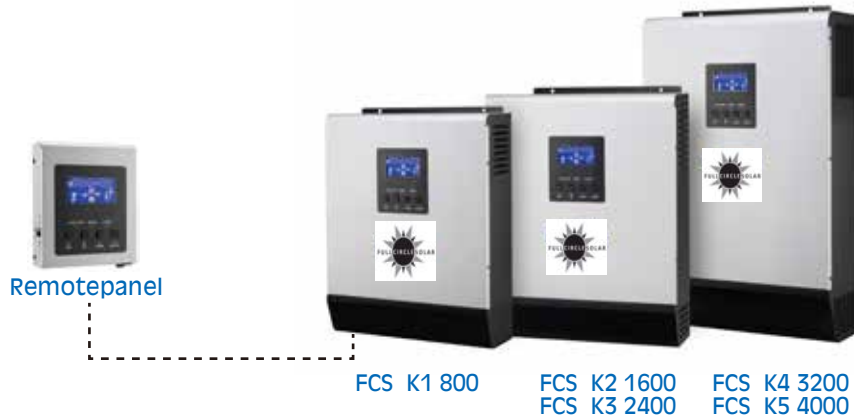




# FullCircleSolar KS Off-Grid Inverter

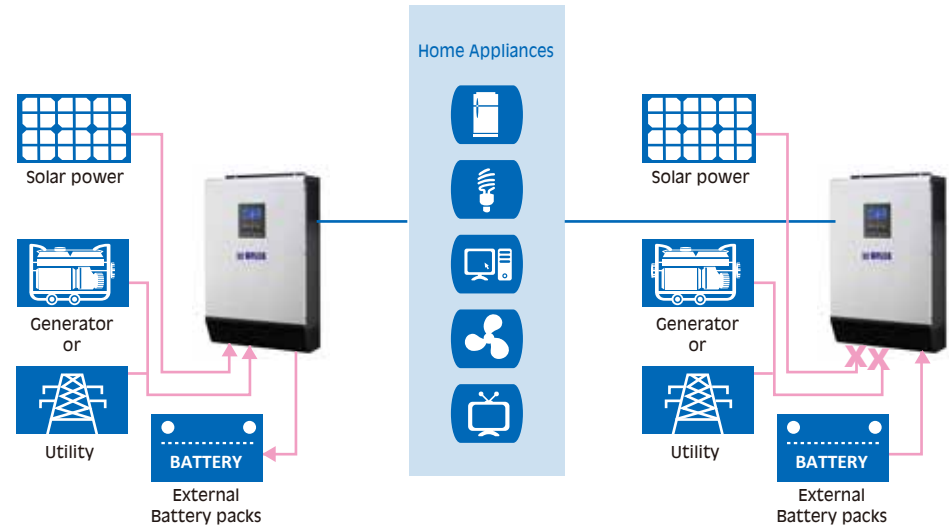


- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Parallel operation with up to 6 units only available for 4KVA/5KVA
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Optional remote panel available

Off-grid inverter with PWM solar charge controller

Solar Power and AC Power available

Solar Power and AC Power not available



MODEL	FCS K1 800	FCS K2 1600	FCS K3 2400	FCS K4 3200	FCS K5 4000
Rated Power	1000VA / 800W	2000VA/1600W	3000VA / 2400W	4000VA / 3200W	5000VA / 4000W
<b>INPUT</b>					
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)				
<b>OUTPUT</b>					
AC Voltage Regulation (Batt. Mode)	230VAC ± 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				
<b>BATTERY</b>					
Battery Voltage	12 VDC	24 VDC	48 VDC		
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC		
Overcharge Protection	15.5 VDC	31 VDC	60 VDC		

MODEL	FCS K1 800	FCS K2 1600	FCS K3 2400	FCS K4 3200	FCS K5 4000
<b>SOLAR CHARGER &amp; AC CHARGER</b>					
Maximum PV Array Open Circuit Voltage	40VDC	60VDC	105VDC		
Standby Power Consumption	1 W	2 W	2W		
Maximum Solar Charge Current	50A	50A	50 A		
Maximum AC Charge Current	10 A or 20 A	20 A or 30 A	60 A		
Maximum Charge Current	50 A		110 A		
<b>PHYSICAL</b>					
Dimension, D x W x H (mm)	95 x 240 x 316	100 x 272 x 355	120 x 295 x 468		
Net Weight (kgs)	5.0	6.4	6.9	9.8	9.8
<b>OPERATING ENVIRONMENT</b>					
<b>Humidity</b>	5% to 95% Relative Humidity(Non-condensing)				
Operating Temperature	0°C - 55°C				
Storage Temperature	-15°C - 60°C				

Product specifications are subject to change without further notice.