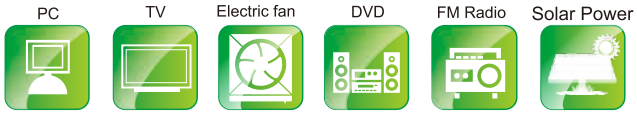
SSP3119C Series

On-Grid Inverter with Energy Storage

1-5KW



▶ Product snapshot:

Model : 1-5KW

Nominal Voltage : 220/230/240 VAC

Nominal Frequency : 50/60HZ

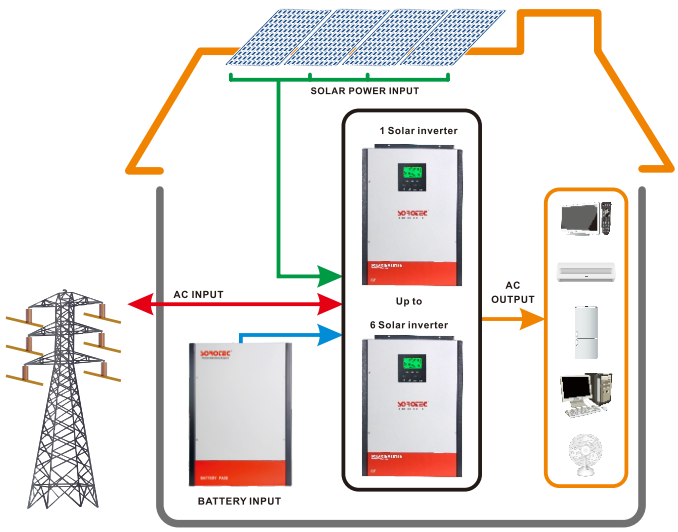


Key Features:

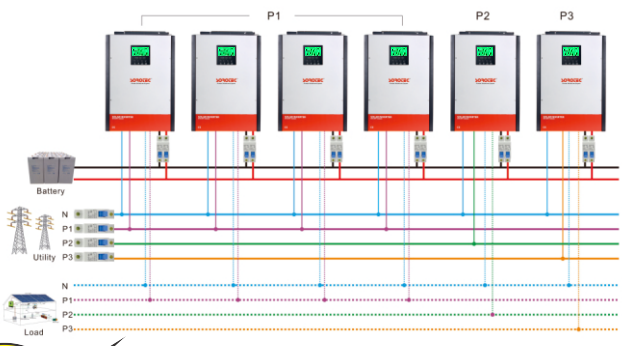
- ■Pure sine wave output
- ■Self-consumption and Feed-in to the grid
- ■Programmable supply priority for PV, Battery or Grid
- ■User-adjustable charging current and voltage
- ■Monitoring software for real-time status display and control
- ■Parallel operation up to 6 units only for 3K/4K/5K models
- ■Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup

■Single phase output up to kw using 6 units





■Three phase output using either 3 units (15kw) or max 6 units (30kw)











PSC SOLAR (UK)

SSP3119C Series

Wall Mounted Integrated Solar Power Inverter technical specification

Built-in MPPT Solar controller

MODEL	1K-12	2K-24	3K-48	4K-48	5K-48
Max. PV Array Power	1000W	2000W	4000W	4000W	6000W
Rated Output Power	1000W	2000W	3000W	4000W	5000W
Maximum PV Array Open Circuit Voltage	145 VDC	145 VDC	145 VDC	145 VDC	145 VDC
MPPT Range @ Operating Voltage	15 ~ 115 VDC	30 ~ 115 VDC	60 ~ 115 VDC	60 ~ 115 VDC	60 ~ 115 VDC
MPP Tracker Number	1	1	1	1	2
GRID-TIE OPERATION					
GRID OUTPUT (AC)					
Nominal Output Voltage	220/230/240 VAC				
Output Voltage Range	184 - 264.5 VAC				
Nominal Output Current	4.3 A	8.7 A	13 A	17.4 A	21.7 A
Power Factor	> 0.99				
EFFICIENCY					
Maximum Conversion Efficiency (DC/AC)	90%				
OFF-GRID, HYBRID OPERATION					
GRID INPUT					
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC				
Frequency Range	50 Hz/60 Hz (Auto sensing)				
Maximum AC Input Current	30A		40A		
BATTERY MODE OUTPUT (AC)					
Nominal Output Voltage	220/230/240 VAC				
Output Waveform	Pure sine wave				
Efficiency (DC to AC)	93%				
BATTERY & CHARGER					
Nominal DC Voltage	12 VDC	24 VDC	48 VDC	48 VDC	48 VDC
Maximum Solar Charge Current	80 A	80 A	80 A	80 A	120 A
Maximum AC Charge Current	60A				
Maximum Charge Current	140 A	140 A	140 A	140 A	180 A
GENERAL					
INTERFACE					
Parallel Function	N/A	N/A	Yes	Yes	Yes
Communication	USB or RS232/Dry-Contact				
ENVIRONMENT					
Humidity	0 ~ 90% RH (No condensing)				
Operating Temperature	0 to 50°C				

STANDARD:EN 62109-1:2010 EN 62109-2:2011 EN 62040-1:2008+A1:2013 IEC 62109-1:2010 IEC 62109-2:2011

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

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