

FULL SINUS SMART SOLAR INVERTER 1-3-5 kVA



*Product images may vary according to power values.

- Output power factor = 1 with pure sine wave PV inverter
- Selectable input voltage range for PC or home appliances
- Intelligent battery charging algorithm to optimize battery life
- Configurable AC / Solar input priority via LCD panel
- Compatible with mains or generators
- Auto restart with AC back and cold start function available
- Overload and short circuit protection
- Anti-dust kits for harsh environments
- (optional)
- System traceability with built-in ethernet

FEATURES AND VALUES



Over voltage, over heat protections



LCD screen easy operation



Very light with its transformerless structure



Grid/solar connected



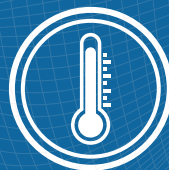
Power Range 1kVA-3kVA-5kVA



Mains / Solar battery charging feature



Grid / solar operation priority



extreme heat protection

You can access the product page by scanning the QR Code with your phone.



- PWM or MPPT Solar Inverter
- Power Range 1kVA-3kVA-5kVA
- Grid/solar connected
- Mains / Solar battery charging feature
- LCD screen easy operation
- Very light with its transformerless structure
- Ability to define grid / solar operating priority
- Over voltage, short circuit, over heat protections



MODEL		SLD 12 VDC - 220 VAC	SLD 24 VDC - 220 VAC	SLD 48 VDC - 220 VAC
RATED BATTERY SYSTEM VOLTAGE		12VDC	24VDC	48VDC
INVERTER OUTPUT	rated power	1000W	3000W	5000W
	waveform	Full Sine		
	AC Voltage Regulation (Battery mode)	(220VAC ~240VAC)±5%		
	Drive Efficiency (Peak)	93%		
	Transfer time	10ms (UPS / VDE4105) 20ms (APL)		
AC INPUT	Income	230VAC		
	Selectable Voltage Range	170~280VAC (Personal PC) / 90~280VAC (Home Appliance)/ 184~253VAC(VED4105)		
	Frequency range	50Hz / 60Hz (Auto Detection)		
BATTERY	Nominal volts	12VDC	24VDC	48VDC
	Fluctuating Charge Voltage	13.7VDC	27.4VDC	54.8VDC
	Overcharge Protection	15.5VDC	30VDC	60VDC
SOLAR CHARGING&ACCHARGING	Max PV Array Open Circuit Voltage	55VDC	80VDC	105VDC
	Standby Power Consumption	2W	2W	2W
	Max Solar Charge Current (PWM)	50A	60A	60A
	Maximum AC Charge Current	10A is 20A	20A and 30A	60A
	Maximum Charge Current	70A	80A	120A
MECHANICAL PROPERTIES	Device Dimensions (W*H*D) (mm)	225*355*92	272*355*100	297.5*468*125
	Package Dimensions (W*H*D)(mm)	405*373*205	465*373*231	618*415*261
	Net Weight (kg)	5,0	7,8	12
	Gross Weight (kg)	6,0	10,3	13,5
OTHER	No	5% to 95% RH (Non-Condensing)		
	Operating temperature	0°C~50°C		
	Storage temperature	-15°C ~60°C		