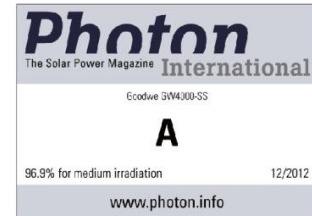
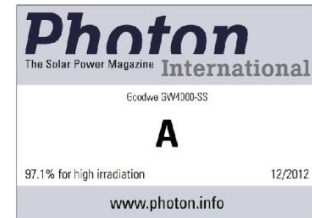


Straight on a path to success

A compact, unadorned 4 kW inverter from China has passed the PHOTON test with a more than respectable result: its efficiency is as impressive as its operation is convenient.

---Photon International



SS Series

Single MPPT, Single Phase

1.5kW/2kW/3kW/4kW/4.6kW

GoodWe Internet Monitoring System



Solar Engine: www.goodwe-power.com

App for iOS/Android:



- Maximum Efficiency up to 97.8%
- European Efficiency up to 97.4%
- MPPT Efficiency over 99.5%
- THDi less than 1%
- Up to 10 safety measurements
- DC switch
- IP65 dust-proof and water-proof
- 45°C full-load output
- Wide range of MPPT voltage
- User-friendly Large LCD
- Wireless monitoring and communication
- Fanless low-noise design
- 3 selectable appearance colors

Technical Data

	GW1500-SS	GW2000-SS	GW3000-SS	GW4000-SS	GW4600-SS
DC Input Data					
Max. PV-generator power [W]	1800	2300	3200	4600	5400
Max. DC voltage [V]	450	500	500	580	580
MPPT voltage range [V]	125~400	125~450	125~450	125~550	125~550
Turn on DC voltage [V]	125	125	125	125	125
Max. DC work current [A]	12	15	18	20	20
Number of inputs/MPPT trackers	1/1	1/1	2/1	2/1	2/1
DC connector	SUNCLIX, MC IV (optional)			SUNCLIX, MC IV (optional)	
Standby power consumption [W]	5	5	5	5	5
AC Output Data					
Nominal AC power [W]	1500	2000	3000	4000	4600
Max. AC power [W]	1650	2000	3000	4400	5100
Max. AC current [A]	8	10	15	22	25
Nominal AC output	50Hz; 230Vac			50Hz; 230Vac	
AC output range	45~55Hz; 180~270Vac			45~55Hz; 180~270Vac	
	May vary as per corresponding country's grid standard			May vary as per corresponding country's grid standard	
THDi	<1%	<1%	<1%	<1%	<1%
Power factor	0.90 leading...0.90 lagging	0.90 leading...0.90 lagging	0.90 leading...0.90 lagging	0.90 leading...0.90 lagging	0.90 leading...0.90 lagging
AC connection	Single phase	Single phase	Single phase	Single phase	Single phase
Efficiency					
Max. efficiency	97.0%	97.0%	97.0%	97.8%	97.8%
European efficiency	>96.0%	>96.0%	>96.5%	>97.4%	>97.4%
MPPT adaptation efficiency	>99.5%	>99.5%	>99.5%	>99.5%	>99.5%
Safety Equipment					
Leakage current monitoring unit	Integrated	Integrated	Integrated	Integrated	Integrated
DC switch	Optional	Optional	Optional	Optional	Optional
Islanding protection	AFD	AFD	AFD	AFD	AFD
Grid monitoring	VDE-AR-N 4105, VDE 0126-1-1/A1, RD1699, G83/1, AS4777.2/3, EN62109-2, EN50438, CNCA/CTS 0004-2009A			VDE-AR-N 4105, VDE 0126-1-1/A1, RD1699, NRS 097-2-1, AS4777.2/3, EN62109-2, EN50438, CNCA/CTS 0004-2009A, G59/2,	
Normative Reference					
EMC compliance	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4			EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4	
Safety compliance	IEC 62109-1, AS3100, CNCA/CTS0006-2010			IEC 62109-1, AS3100, CNCA/CTS0006-2010	
General Data					
Dimensions (W*H*D) [mm]	330*350*125			390*417*142	
Net weight [kg]	12			18	
Housing	For outdoor and indoor			For outdoor and indoor	
Mounting information	Wall mounting			Wall mounting	
Operating temperature range	-20~60°C (up 45°C derating)			-20~60°C (up 45°C derating)	
Relative humidity	0~95%			0~95%	
Site altitude [m]	2000			2000	
IP protection class	IP65			IP65	
Topology	Transformerless			Transformerless	
Cooling concept	Natural convection			Natural convection	
Noise level [dB]	<25			<25	
Display	4" LCD			4" LCD	
Communication	USB2.0; RS485 or Wi-Fi			USB2.0; RS485 or Wi-Fi	
Standard warranty [years]	5/10/15/20/25 (optional)			5/10/15/20/25 (optional)	