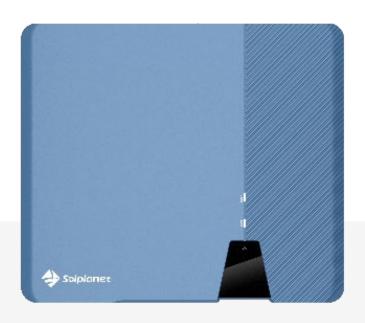
ASW S-G2 Series



Models:

ASW3000-S-G2

ASW3680-S-G2

ASW4000-S-G2

ASW5000-S-G2

ASW6000-S-G2



Easy-to-install

- Quick & easy-to-install with basic
- Quick setup and commissioning with Solplanet apps
- Compact wall mount design



Reliable

- International quality standards
- Integrated DC switch
- IP66 rated design for outdoor use

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User-friendly

- 16 A input current, compatible with bifacial and large area PV modules
- Optional AC Power Supply
- Shadow management solution
- Support anti-backflow function
- 2 MPPT's for flexible PV array design







Те	chnical Datasheet	ASW3000-S-G2	ASW3680-S-G2	ASW4000-S-G2	ASW5000-S-G2	ASW6000-S-G		
	Max. PV array power	4500 Wp STC	5520 Wp STC	6000 Wp STC	7500 Wp STC	9000 Wp STC		
Input (DC)	Max. input voltage	600V						
	MPP voltage range / rated input voltage	60V-560V/360V						
	Min. input voltage	60V						
	Initial. feed in voltage	100V						
	Max. operating input current	16A						
	Max. short circuit current	24A						
lub	No. of independent MPPT inputs / strings per MPPT input	2/1						
	Rated active power	3000 W	3680 W	4000 W	5000 W	6000 W		
	Rated apparent power	3000 VA	3680 VA	4000 VA	5000 VA	6000 VA		
	Max. apparent power	3300 VA ³	3680 VA ³	4400 VA ³	5500 VA ³	6600 VA ³		
	AC nominal voltage	220 V / 230 V / 240 V						
	AC voltage range	180 V to 295 V						
	AC grid frequency / range	50 Hz / 45 Hz to 55 Hz 60 Hz / 55 Hz to 65 Hz						
Output (AC)	Rated output current	15A	16A	20A	25A ⁴	30A		
	Max. output current	15A	16A	20A	25A ⁴	30A		
	Adjustable power factor range	1 / 0.8 leading 0.8 lagging						
	Feed-in phases	1						
	Harmonic distortion (THD) at rated output	<= 3%						
	Max. efficiency / European efficiency	97.8% / 97.5%						
	DC switch	•						
	Ground fault monitoring / grid monitoring	•/•						
	DC reverse polarity protection / AC short circuit Protection	•/•						
ctio	All-pole-sensitive residual-current monitoring unit	•						
& Protection	Surge protection	● / Type II						
ص ص	Anti-Islanding protection	•						
ency	Night monitoring	0						
Efficiency	Protection class (according to IEC 62109-1) / overvoltage category (according to IEC 62109-1)	I / AC: III; DC: II						
	Dimensions (W / H / D)			368*325*145 mm				
	Weight	9.5 kg						
	Operating temperature range	-25°C +60°C						
	Self-consumption (at night)	<1W						
	Topology	Non-isolated						
	Cooling concept	Natural Convection						
ta	Degree of protection (according to IEC 60529)	IP66						
Oa	Climatic category (according to IEC 60721-3-4)	4K4H						
General data	Max. permissible value for relative humidity (non-condensing)	100%						
ge Ge	Max. operating altitude	4000 m						
	DC connection	Plug-in connector						
	AC connection	Plug-in Connector						
	Mounting type	Wall-mount bracket						
	LED Indicators (Status / Fault / Communication)			•				
	Communication interface ^{1&2}		Wi-	-Fi / 4G / RS485 (Optio	onal)			
es	Country of manufacture	China						
Features	"Certificates and approvals	AS/NZS 4777.2,IEC 62109-1/2,						
Pe	(more available on request)"	IEC 61727, IEC 62116, NB/T32004						

Data at nominal conditions. All information is subject to change.

- 1- Zero export installations supported with 2-pin RS485 for connection to approved smart meters.
- 2- DRED supported with RS485 communication for Australia & New Zealand
- 3- For European and AS/NZS4777.2 grid codes the max. apparent AC power is equal to the rated power
- 4- Max. output current limited to 21.7 A when set to the AS/NZS 4777.2 grid code

Version: July 2022



Registro de Objeto Consultar registros concedidos

Q Detalhes do Registro 005064/2022

Status Ativo W.M. LAUDISIO JUNIOR

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Concessão

17/05/2022 Programa de Avaliação da Conformidade

Sistemas e equipamentos para energia fotovoltaica (módulo, controlador de carga, inversor e bateria)

Portaria InmetroNome de Famílianº 140 de 21/03/2022Monofasico 6000W

Certificado

Não aplicável Conformidade Não aplicável

Modelo da Avaliação da

-Pesquisar histórico de alterações

Data	Alteração	Marca	Modelo	Descrição	Código de barras
17/05/2022	Incluido	SOLPLANET	ASW6000-S-G2	Inversor fotovoltaico 220V, 50/60Hz, 6000W	