



Three Phase Inverter
6 & 10 kW

ASW T Series



**LIMITED
EDITION**

Models: ASW6000-T | ASW10000-T



Easy-to-install

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



Reliable

- International quality standards
- Integrated DC switch
- IP65 rated design for outdoor use



User-friendly

- User friendly app interface
- Online monitoring via Wi-Fi and Solplanet apps
- Dual MPPT's for flexible PV array design

Technical Datasheet

ASW 6000-T

ASW 10000-T

Input (DC)	Max. PV array power	9000 Wp STC	15000 Wp STC
	Max. input voltage	1000 V	
	MPP voltage range / rated input voltage	125 V to 950 V / 630 V	
	Min. input voltage	130 V	
	Initial. feed in voltage	150 V	
	Max. short circuit current	18 A / 18 A	
	No. of independent MPPT inputs / strings per MPPT input	2 / A :1 ; B : 1	
Output (AC)	Rated active power	6000 W	10000 W
	Rated apparent power	6000 VA	10000 VA
	Max. apparent power	6000 VA	10000 VA
	AC nominal voltage	220 V / 380 V 230 V / 400 V 240 V / 415 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	
	Max. output current	9.1 A	15.2 A
	Adjustable power factor range	0.8 leading to 0.8 lagging	
	Feed-in phases / connection type	3 / 3-N -PE	
	Harmonic distortion (THD) at rated output	< 3%	
Efficiency & Protection	Max. efficiency / European efficiency	98.2% / 97.6%	98.3% / 98.0%
	DC switch	●	
	Ground fault monitoring / grid monitoring	● / ●	
	DC reverse polarity protection / AC short circuit protection	● / ●	
	All-pole-sensitive residual-current monitoring unit	●	
	Surge protection	● / Type II	
	Protection class (according to IEC 62109-1) / overvoltage category (according to IEC 62109-1)	I / AC : III ; DC : II	
General data	Dimensions (W / H / D)	424 / 375 / 172 mm	
	Weight	14 kg	15 kg
	Operating temperature range	-25°C ... +60°C	
	Noise emission (typical)	< 35 dB(A)	< 45 dB(A)
	Self-consumption (at night)	< 1 W	
	Topology	Non-isolated	
	Cooling concept	Natural convection	Active cooling
	Degree of protection (according to IEC 60529)	IP65	
	Climatic category (according to IEC 60721-3-4)	4K4H	
	Max. permissible value for relative humidity (non-condensing)	100%	
Max. operating altitude	3000 m		
Features	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 / RS485 (Optional)	
	Country of manufacture	China	
	Certificates and approvals (more available on request)	CE, EN50549, G98/99, AS/NZS 4777, C10/C11, IEC62109, IEC62116, IEC61727, IEC61683, IEC60068, IEC61000	

● Standard features / ○ optional features / – not available

1- 2-pin RS485 connection to approved smart meters for export power control applications

2- DRED function supported via RS485 for Australia & New Zealand

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