



Easy to install



Reliable

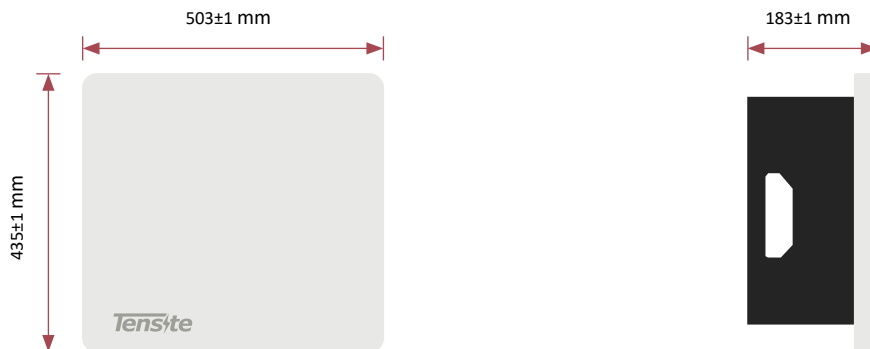


User friendly



10 Years Product Warranty

DIMENSIONS



Input (DC)	Max. PV array power	12000 Wp STC
	Max. input voltage	1100 V
	MPPT voltage range / Rated input voltage	150 V a 1000 V / 630 V
	Min. input voltage / Initial feed-in voltage	125 V / 180 V
	No. of independent MPPT inputs/ Strings per MPPT input	2 / A:1 ; B:1
	Max. operating input current	20 A / 16 A
	Max. short circuit current	30 A / 25 A
Output (AC)	AC voltage range	160 V a 300 V
		220 V / 380 V
	AC nominal voltage	230 V / 400 V
		240 V / 415 V
	Feed-in phases	3 / 3-N-PE
	AC grid frequency / Range	50 Hz/45 Hz a 55 Hz
		60 Hz/55 Hz a 65 Hz
	Rated active power	8000 W
	Rated apparent power	8000 VA
	Max. apparent power	8800 VA ^{3 Y 4}
Adjustable power factor range	0.8 leading - 0.8 lagging	
Max. output current	12.8 A	
Harmonic distortion (THD) at rated output	< 3%	
Efficiency & Protection	Max. efficiency / European efficiency	98.6% / 98.2%
	DC Switch	●
	DC reverse polarity protection / AC short circuit protection	● / ●
	All-pole-sensitive residual-current monitoring unit	●
	Anti-islanding protection	●
	Ground fault monitoring / Grid monitoring	● / ●
	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)	503 / 435 / 183 mm
	Weight	17.3 kg
	Operating temperature range	-25°C ... +60°C
	Topology	Non-isolated
	Self-consumption (at night)	< 1 W
	Cooling concept	Natural convection
	Degree of protection (according to IEC 60529)	IP66
	Climatic category (according to IEC 60721-3-4)	4K4H
	Max. permissible value for relative humidity (non-condensing)	100%
Max. operating altitude	3000 m	
Features	Communication interface ^{1 Y 2}	● / ● / ○ / ○ / (RS485 / Wi-Fi / LAN / 4G)
	LED indicators (Status/Fault/Communication)	●
	DC connection	Plug-in connector
	AC connection	Plug-in connector
	Mounting type	Wall-mount bracket
	Certificates and approvals (more available on request)	CE, EN50549, G98/99, VDE-AR-N4105, AS/NZS 4777, C10/C11, VFR2014 & UTE C15, IEC62109, IEC61727, IEC62116, IEC61000, IEC61683, IEC60068 NB/T32004

● Standard features ○ Optional features - Not available

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. The overload setting is disabled as default for AS/NZS4777 grid codes.
4. For European and AS/NZS4777 grid codes the max. apparent AC power is equal to the rated power.
Data at nominal conditions.
All information is subject to change.