



Easy to install



Reliable



User friendly



10 Years Product Warranty

DIMENSIONS



Input (DC)	Max. PV array power	6000 Wp STC
	Max. input voltage	600 V
	MPPT voltage range / Rated input voltage	60 V a 560 V / 360 V
	Min. input voltage / Initial feed-in voltage	60 V / 100 V
	No. of independent MPPT inputs / Strings per MPPT input	2/1
	Max. operating input current	16 A
	Max. short circuit current	24 A
Output (AC)	AC voltage range	180 V a 295 V
	AC nominal voltage	220 V / 230 V / 240 V
	Feed-in phases	1
	AC grid frequency / Range	50 Hz/45 Hz a 55 Hz 60 Hz/55 Hz a 65 Hz
	Rated active power	4000 W
	Rated apparent power	4000 VA
	Max. apparent power	4400 VA ³
	Adjustable power factor range	1/0.8 leading - 0.8 lagging
	Max. output current	20 A
	Harmonic distortion (THD) at rated output	<= 3%
Efficiency & Protection	Max. efficiency / European efficiency	97.8% / 97.5%
	DC switch	●
	DC reverse polarity protection / AC short circuit protection	● / ●
	All-pole-sensitive residual-current monitoring unit	●
	Anti-islanding protection	●
	Night monitoring	○
	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)	368 / 325 / 145 mm
	Weight	9.5 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 humidit (non-condensing)	100%
Max. operating altitude	4000 m	
Features	Communication interface ¹ ²	Wi-Fi / 4G / RS485 (optional)
	LED indicators (Status/Fault/Communication)	●
	DC connection	Plug-in connector
	AC connection	Plug-in connector
	Mounting type	Wall-mount bracket
	Certificates and approvals	AS/NZS 4777.2, IEC 62109-1/2, IEC 61727, IEC 62116, NB/T32004

● Standard feature ○ 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. La configuración de sobrecarga está deshabilitada de forma predeterminada para los códigos de red AS/NZS4777.
4. For European and AS/NZS4777.2 grid codes the max. apparent AC power is equal to the rated power.
Data at nominal conditions.
All information is subject to change.