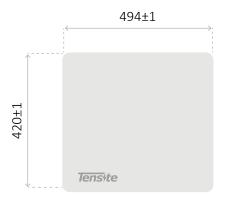




Easy to use

MEASURES







Entrance photovoltaic	Max power of the photovoltaic array	9000Wp STC
	Maximum input voltage	550V
	MPP voltage range/rated input voltage	40V a 530V/380V
	Minimum input voltage/start voltage	40V / 50V
Pot Ei	Number of independent MPPT trackers /strings per MPPT inputT	2/1
O.	Maximum Input Current per MPPT	16A
	Maximum short circuit current per MPPT	20A
-	Battery rated voltage	48V
Entrance of Battery	Battery voltage range	40V a 60V
ran	Max. Charge Current/Max. Discharge Current	
Ent		100A / 100A
	Battery Type	Li-lon
Ac output	AC Rated Voltage / AC Voltage Range	230V / 180V a 280V
	AC Grid Rated Frequency	50Hz / 60Hz
	AC grid frequency range	50 Hz/45 Hz a 55 Hz 60 Hz/ 45 Hz a 55 Hz
	Rated active power	6000W
	Rated apparent power	6000VA
	Max apparent power	6000VA
	Nominal output current of the network (@230 V)	26.1A
	Max current network output THDi harmonics (at rated power)	27.3A
	Rated mains voltage	< 3%
		a.c. 230V 50Hz / 60Hz
but	Rated grid frequency	6000VA
AC input	Rated apparent power Max input apparent power from grid	6000VA
A	Rated input current from mains	a.c. 26.1A
	Maximum input current from the mains	a.c. 27.3A
	Rated output voltage	230V
	Rated output frequency	50Hz / 60Hz
Producción de EPS	Rated apparent power	5000VA
de	Max output apparent power	5000VA
ción	Peak apparent power output	7500VA, 10s
ong	Rated current (at 230 V)	21.7A
Pro	Max output current	21.7A
_	Max switching time	≤ 10 ms
	Output THDi (at linear load)	< 3%
Efficien- cyInc	MPPT efficiency	99.9%
fficien	Max Efficiency / European Efficiency Max efficiency of the battery with respect to the charge	97.6% / 97%
ш	DC side disconnect device	94.7%
	Battery input reverse polarity protection/	
	photovoltaic string	• / •
9	Omnipolar residual current monitoring unit	•
Protection of security	Anti-island protection	•
oteci	Ground fault protection	•
Pro s	AC surge protection	•
	Protection class (according to IEC 62109-1)/ overvoltage category (according to IEC 62109-1)	I / AC: III; DC: II
	Power factor at rated power/adjustable displacement	>0.00/0.9 aboad 0.9 babind
	Dimensions (width/height/length)	≥0.99/0.8 ahead - 0.8 behind
	Device weight	483 / 455 / 193.5 mm
	Operating temperature range	21.5 kg -25 °C +60 °C
	Operating temperature range	30 dB(A)
ţ	Acoustic emissions (typical)	
data	Acoustic emissions (typical) Standby consumption	
eral data	Standby consumption	< 10 W Natural convection
eneral data		< 10 W
General data	Standby consumption Cooling concept	< 10 W Natural convection
General data	Standby consumption Cooling concept Protection degree (according to IEC 60529)	< 10 W Natural convection IP66 4K4H
General data	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4)	< 10 W Natural convection IP66 4K4H 100%
General data	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction)
General data	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude Country of manufacture	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction) China
General data	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude Country of manufacture User interface	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction) China LED and application
	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude Country of manufacture User interface Communication with BMS	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction) China LED and application RS485 / CAN
	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude Country of manufacture User interface Communication with BMS Communication with meter	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction) China LED and application RS485 / CAN RS485
	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude Country of manufacture User interface Communication with BMS Communication with meter Communication with the portal	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction) China LED and application RS485 / CAN RS485 Dongle Wi-Fi
Features General data	Standby consumption Cooling concept Protection degree (according to IEC 60529) Climatic category (according to IEC 60721-3-4) "Max. permissible value of relative humidity (no condensation)" Maximum operating altitude Country of manufacture User interface Communication with BMS Communication with meter	< 10 W Natural convection IP66 4K4H 100% 4000 m (>3000 m power reduction) China LED and application RS485 / CAN RS485

Standard Features / Optional Features / - Not Available