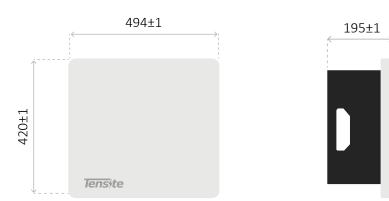


MEASURES





Entrance photovoltaic	Max power of the photovoltaic array	6500Wp STC
	Maximum input voltage	550V
	MPP voltage range/rated input voltage	40V a 530V/380V
	Minimum input voltage/start voltage	40V / 50V
Ent	Number of independent MPPT trackers	2/1
_ A	/strings per MPPT inputT	·
	Maximum Input Current per MPPT	16A
	Maximum short circuit current per MPPT	20A
Entrance of Battery	Battery rated voltage	48V
	Battery voltage range	40V a 60V
	Max. Charge Current/Max. Discharge Current	100A / 100A
	Battery Type	Li-lon
	AC Rated Voltage / AC Voltage Range	230V / 180V a 280V
	AC Grid Rated Frequency	50Hz / 60Hz
	AC grid frequency range	
Ħ	Rated active power	50 Hz/45 Hz a 55 Hz 60 Hz/ 45 Hz a 55 Hz
Ac output	Rated apparent power	4000W
۷۵ ٥	Max apparent power	4000VA 4000VA
4	Nominal output current of the network (@230 V)	17.4A
	Max current network output	
	THDi harmonics (at rated power)	18.2A < 3%
AC input	Rated mains voltage	a.c. 230V
	Rated grid frequency	6.C. 230V 50Hz / 60Hz
	Rated apparent power	6000VA
	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
u	Rated apparent power	5000VA
Ē	Max output apparent power	5000VA
EPS production	Peak apparent power output	7500VA, 10s
s pr	Rated current (at 230 V)	21.7A
Ä	Max output current	21.7A
	Max switching time	≤ 10 ms
	Output THDi (at linear load)	< 3%
Efficien- cylnc	MPPT efficiency	99.9%
fficien	Max Efficiency / European Efficiency	97.6% / 97%
₩ .	Max efficiency of the battery with respect to the charge	94.7%
tion of urity	DC side disconnect device	•
	Battery input reverse polarity protection/	• / •
	photovoltaic string	
	Omnipolar residual current monitoring unit	•
otection	Anti-island protection Ground fault protection	<u>-</u>
Protect	Ground radic protection	•
	AC surge protection	•
	Protection class (according to IEC 63100.1)/	
	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	≥0.99/0.8 ahead - 0.8 behind
	Dimensions (width/height/length)	483 / 455 / 193.5 mm
	Device weight	21.5 kg
	Operating temperature range	-25 °C +60 °C
ata	Acoustic emissions (typical)	30 dB(A)
Ö	standby consumption	< 10 W
ero	Cooling concept	Natural convection
General data	Protection degree (according to IEC 60529)	IP66
	Climatic category (according to IEC 60721-3-4)	4K4H
	"Max. permissible value of relative humidity	100%
	(no condensation)"	
	Maximum operating altitude	4000 m (>3000 m power reduction)
	Country of manufacture	China
Features	User interface	LED and application
	Communication with BMS	RS485 / CAN
	Communication with meter	RS485
	Communication with the portal	Dongle Wi-Fi
	Other communication	DRM
_		
_	Integrated Power Control / Zero Discharge Shadow control	• / •

Standard Features / Optional Features / - Not Available