

CHARACTERISTICS



Safe and reliable

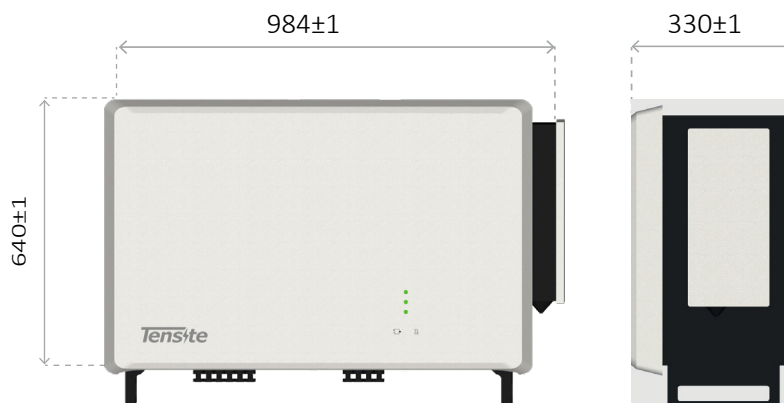


Higher yields



Easy to use

MEASURES



Entrance photovoltaic	Max power of the photovoltaic array	150000 Wp STC
	Maximum input voltage	1100V
	MPP voltage range/rated input voltage	200V a 1000V/630V
	Minimum input voltage/start voltage	200V / 250V
	Number of independent MPPT trackers /strings per MPPT input	10/2
	Maximum Input Current per MPPT	32A
	Maximum short circuit current per MPPT	48A
AC output	AC rated voltage	220V / 380V 230V / 400V
	AC voltage range	312V - 528V
	Feeding phases	3 / 3-N-PE
	AC Grid Frequency / Range	50 Hz / 45 Hz - 55 Hz 60 Hz / 55 Hz - 65 Hz
	Rated active power	100000 W
	Rated apparent power	110000 VA ¹
	Adjustable power factor range	0.8 ahead - 0,8 behind
	AC rated output current	144.3 A
	Maximum output current of the network	158.8 A
	Output THDi (at linear load)	<3%
Efficiency and protection of security	Maximum efficiency/European efficiency	98,6% / 98,4%
	DC side disconnect device	●
	DC reverse polarity protection/ AC short circuit protection	●
	Omnipolar residual current monitoring unit	●
	Anti-island protection	●
	DC/AC surge protection	Type II / Type II
	Ground Fault Monitoring/ Grid Monitoring	● / ●
	AC overcurrent protection	●
Protection class (according to IEC 62109-1)/ overvoltage category (according to IEC 62109-1)	I/CA: III; CC: II	
General data	Dimensions (width/height/length)	984/ 640 / 330 mm
	Device Weight	86 kg
	Operating temperature range	-25 °C ... +60 °C
	Topology	Without isolation
	Night use	< 3 W
	Cooling concept	Active cooling
	Protection degree (according to IEC 60529)	IP66
	Climatic category (according to IEC 60721-3-4)	4K4H
	"Maximum permissible value of relative humidity (no condensation)"	100%
	Maximum operating altitude	4000 m
	EMC	CLASE B
Features	Communication interface	● / ● / ○ / ○ RS485/WiFi/4G/LAN
	LED indicators (status/error/communication)	●
	DC connection	Plug connector
	AC connection	Terminal OT/DT (máx. 240 mm2)
	Modbus Protocol - Sunspec	●
	Certificates and authorizations (others upon request)	CE, IEC 62109-1/2, IEC 61727, IEC 62116, IEC61683, EN50549-1/2, VDE4105

● Standard Features / ○ Optional Features / - Not Available