



Main

Range of product	Conext NA
Device short name	TX 5000 NA
Product or component type	Grid-tie solar inverter
Network number of phases	Single phase
Nominal output power	5 kW AC - 240 V 4.5 kW AC - 208 V

Complementary

Output voltage	240 V AC single phase 208 V AC single phase
Output current	21 A AC - 240 V 22 A AC - 208 V
Network frequency	60 Hz (output)
Cos phi	>= 0.99 at rated power (output) >= 0.95 at full power range (output)
Harmonic distortion	< 3 %
Input voltage	600 V DC open circuit 240...550 V DC MPPT - CEC & CSA
Input current	24 A DC - short circuit 22 A DC - open circuit 20 A DC - open circuit
Overcurrent protection	30 A (output)
Reverse polarity protection	Short-circuit diode
Efficiency	96 % peak - 208 V 95.5 % CEC - 240 V 96.7 % peak - 240 V 96 % CEC - 208 V
Power consumption in W	1 W night time
Topology	Transformer, Isolated
Function available	GF detection, IDIF > 1 A
Display type	LCD
Messages display capacity	2 lines of 16 characters
Communication interface	Xanbus RJ45 RS232
AWG gauge	14...6
Type of cooling	Convection fan not required
Device mounting	Wall mounted
Height	98.8 cm
Width	40.3 cm
Depth	18.5 cm
Product weight	38.1 kg

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## Environment

NEMA degree of protection	NEMA 3R
Ambient air temperature for operation	-25...65 °C
Standards	UL 1741 CSA 107.1-01 IEEE 1547 CSA 2 C22.2 No.107-1-01



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