



Main

Range of product	Xantrex GT
Device short name	GT30-208
Product or component type	Grid-tie solar inverter
Network number of phases	Three phase
Nominal output power	28.8 kW AC

Complementary

Output current	80 A AC
Peak output current	169 A 0.5 ms
Network frequency	60 Hz +0.5 Hz -0.7 Hz (output)
Cos phi	> 0.99 above 25 % rated power
Harmonic distortion	< 4 % at rated power
Input voltage	180 - 430 V DC <= 430 V DC open circuit 180 - 400 V DC MPPT
Input current	80 A DC each of 2 master source circuit 100 A DC short circuit
Utility backfeed current	100 A
Overcurrent protection	100 A (output)
Efficiency	96 % CEC
Power consumption in W	< 20 W night time
Feature available	Standard integrated AC and DC disconnects Standard RS485/Modbus communications interface kit Standard ground fault protection
Display type	LCD
Display capacity	4 lines
Enclosure material	Aluminium
Surface finish	Powder coated
Type of cooling	Forced convection (depending on temperature)
Device mounting	Wall mounted
Provided equipment	Wall mount bracket
Height	1220 mm
Width	550 mm
Depth	330 mm
Product weight	75 kg

Environment

Ambient air temperature for operation	-20...50 °C
Operating altitude	2000 m without derating
NEMA degree of protection	NEMA 3R
Acoustic level	< 75 dBA
Relative humidity	0...95 % non-condensing
Standards	CSA 107.1 UL 1741 FCC part 15 class A IEEE 1547