













# CASA-TX

30kW

The Casa-TX is a hybrid inverter, built in galvanic isolation transformer design, to provide pure power to connected industrial devices.

## FEATURES

-  Pure sinewave output
-  Off-Grid, On-Grid & Hybrid
-  Programmable supply priority (PV, Battery or Grid)
-  Adjustable charging current & voltage
-  Parallel operation up to 4 units
-  Self-consumption & Feed-in to the grid
-  Galvanic isolation transformer design
-  Multiple communication (USB, RS-232, Modbus, SNMP & BMS)
-  Monitoring software (real time status display & control)
-  Built-in timer (for various mode of on/off operation)

# SPECIFICATIONS

Model		Casa-TX 30kW
Maximum PV Input Power		45kW
Rated Output Power		30kW
Maximum Charging Power		30kW
Parallel Capability		Up to 4 units
Operation		
AC Input		
AC Start-up Voltage		150 - 170 VAC per phase
Auto Restart Voltage		180 VAC per phase
Acceptable Input Voltage Range		170 - 280 VAC per phase
Maximum AC Input Current		43.5 A per phase
PV Input (DC)		
Nominal DC Voltage		720 VDC
Maximum DC Voltage		950 VDC
Start-up Voltage		500 VDC
Initial Feeding Voltage		550 VDC
MPPT Voltage Range		460 VDC - 900 VDC
Full Power MPPT Voltage Range		625 VDC - 900 VDC
MPPT Trackers		1
Maximum Input Current		72 A
AC Output		
Nominal Output Voltage		230 VAC* (P-N) / 400 VAC (P-P)
Output Voltage Range		195.5 - 253 VAC per phase
Output Frequency Range		49 - 51Hz or 59.3 - 60.5Hz
Nominal Output Current		43.5 A per phase
Power Factor		1
Maximum Conversion Efficiency (DC/AC)		95%
AC Output (Battery mode)		
Nominal Output Voltage		230 VAC (P-N) / 400 VAC (P-P)
Output Waveform		Pure sinewave
Efficiency (DC to AC)		>91%
Battery & Charger		
Nominal Battery Voltage		384 VDC
Charging Voltage Range		384 VDC - 480 VDC
Maximum Charging Current		80 A
General		
Physical		
Dimension, D x W x H (mm)		430 x 715 x 1021
Net Weight (kg)		223
Interface		
Communication Port		RS-232 / USB
Intelligent Slot		SNMP, GPRS, Wi-Fi, Modbus cards available [optional]
Environment		
Humidity		0 - 90% RH (Non-Condensing)
Operating Temperature		-10 to 55°C
Altitude		0 - 1000m (De-rating 1% every 100m when >1000m)