



TG SERIES

Grid Connect Inverters

Years in the making the TG Series is the most technologically advanced and sophisticated grid-connect inverter that Latronics™ has ever made.

We could not be prouder of the TG Series.

The TG Series gives solar enthusiasts the opportunity to install world-class grid-connected inverters that were designed and manufactured in Australia.

Silent

Super quiet, fan-less heat-sink cooling incorporates natural convection technology to ensure the inverter operates silently without the need for any noisy fans.

Efficient

Transformer-less design boasts an incredible maximum energy efficiency of 97.1% peak and a Euro efficiency of 96.5%, providing end users with higher output across the whole power range.

Informative

The TG inverters incorporate a back-lit LCD screen displaying in-depth graphical data at a glance, providing the information needed to closely track your system performance. With smart, real-time and logged performance monitoring technology, data can be displayed wirelessly or remotely via smart phone, tablet or computer.

Attractive

A stylish, contemporary design with weather-proof casing.

Simple

Designed from the outset to be easy to install, use and maintain.

Network Connected

With Wi-fi connectivity as standard and ethernet an optional extra, the TG inverter is easily configured and monitored with your smart phone, tablet or computer.

Durable

Weather-proof with a wide operating temperature range and no moving parts.

Known as the sunburnt country, Australia offers up the harshest, most trying conditions in the world.

The TG series has been developed by Australians to withstand Australia's demanding climates.

5 year warranty

All TG series inverters come with a 5 year warranty and service support, backed up by our friendly and responsive Australian based team. Our specialist engineering team will happily address any queries you may have. There's nothing quite like talking directly with the manufacturer.

After Sales Support & Service

Beyond our commitment to manufacturing world-class technology locally, one of our biggest assets is our on-the-ground ability to service clients domestically. After all, at the end of the day it's relationships and reputation that matter the most.

It's great to have the opportunity to enable Australia to showcase its design, engineering and manufacturing skills in the TG Series inverter range, and to give our customers the opportunity to buy Australian Made.



TG SERIES

TG SERIES GRID CONNECT SPECIFICATIONS

Transformer-less, for efficiency

Fanless convection cooling

At-a-glance system performance

Outdoor rated

Wi-Fi connected

5 year warranty

Model number	TG5000	TG4600
DC input data		
DC input voltage range	125V – 500V	
Maximum input current per channel	15A	
Recommended maximum solar input	6500W	6000W
Number of MPPTs	2 inputs	
AC output data		
Rated AC output power	4950W	4600W
Maximum AC output power	5500W	5000W
Efficiency	97.1% peak	96.5% euro
Maximum output current	23A	20A
General data		
Dimensions (W / H / D)	400 / 450 / 185mm	
Weight	27kg	
IP rating	IP65	
Operation temperature	-25 to 60°C	
Self-consumption (at night)	4.5W	
Topology	Transformerless	
Cooling concept	Convection	
Standards	CEC listed, AS4777, AS/NZS3100, C-tick	
Interface	Wi-Fi	
Warranty	5 years	

Product

TG 5000 / TG4600
125V – 500V



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