



# Fronius **IG TL**

Transformerless PV inverter  
with standard system monitoring



POWERING YOUR FUTURE



## Plug in the future. Lock in your yield.

The consistent expansion of a successful family: The Fronius IG TL incorporates all the advantages of a transformerless inverter concept with the high innovation and quality demands of Fronius. Perfect for system sizes ranging from single-family homes up to agricultural or commercial operations. Unique in its class is the standard system monitoring which makes it the most future-proof transformerless inverter providing maximum earnings security.

## Lock in your yield for the long-term

System monitoring with the Status Manager comes standard in the Fronius IG TL inverter. The Status Manager immediately reports any problems thus locking in system yields for the long-term.

**String malfunction detection.** The inverter continually compares the string currents of connected strings with each other. This enables the early detection of problems in the entire system (e.g. gnawing damage to cables from small animals, module failure, etc.). This can help to prevent an incremental loss of earnings.

**Detailed status codes.** Should any problems occur in the system, comprehensive and precise service codes are displayed. This makes it easier to isolate the exact source of the error and saves valuable time for fault diagnostics and correction.

**Direct signaling contact.** A warning signal (e.g. indicator light or buzzer) can be activated when there are status changes via the 12 V signal output integrated into the inverter. Malfunctions are reported immediately.

**The highest efficiency via the Module Manager.** Whoever can always remain at the maximum power point (MPP), can get the most out of each ray of light. This is the job of the Fronius Module Manager with its accurate MPP tracking.

## Always well-informed

The numerous information and analysis options of the Fronius IG TL inverter are very simple to operate. Current operating data can be easily transferred to a PC via a USB stick. Other DATCOM components can also be easily connected via the integrated Solar Net interface.

**Night display.** System information 24/7. The matrix display shows the most important information regardless of whether or not the inverter is in operation. This is made possible via the AC side power supply. For example, this enables you to access daily system data on the display even after sundown – including any status messages.



**Integrated Solar Net interface.** Other components for system monitoring (e.g. Fronius Datalogger) can be connected directly to the inverter through the standard Solar Net interface. This enables you to easily integrate high-end system monitoring that is 100% compatible with all other Fronius IG inverters as well as the comprehensive Fronius DATCOM world.



**Easy data exchange via USB.** A commercially-available USB stick that can be inserted into the inverter collects data during operation. System information can then be moved to a PC at any time and then analyzed and archived using Fronius Solar.access software. Time-consuming cabling is no longer required. Simply pull out the DATCOM slot, remove the USB stick and load the data to your PC.