TECHNICAL DATA

Solar Tools Kit with GFL-1500 Solar Ground Fault Locator and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp

Key features

- Quickly locates active ground faults in solar PV installations
- Measures up to 1500 V DC and 60 A with wireless current clamp
- Enhances safety with non-contact fault tracing
- Reduces downtime through fast fault identification
- Ideal for PV system maintenance and troubleshooting

Product overview: Solar Tools Kit with GFL-1500 Solar Ground Fault Locator and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp

Solar Tools Kit with GFL-1500 Solar Ground Fault Locator and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp
This kit pairs the Fluke GFL-1500 ground fault locator with the 283FC/PV multimeter, providing a complete toolkit for identifying and diagnosing ground faults in solar arrays. It's essential for maintaining system uptime and safety, allowing quick fault location and comprehensive electrical analysis of systems up to 1500 V.

Fluke GFL-1500 Solar Ground Fault Locator

The Fluke GFL-1500 Solar Ground Fault Locator is a frontline troubleshooting tool that helps technicians quickly pinpoint active ground faults in solar photovoltaic (PV) systems. It works by producing a traceable signal in the array, allowing for fast, intuitive, non-contact tracing directly to the fault location. This innovative approach eliminates the frustration of time-consuming, brute-force troubleshooting and reduces unnecessary exposure to electrical hazards. In addition to improving safety and reducing downtime, this innovative solution redefines how technicians locate active ground faults in solar PV systems. By replacing complex, manual diagnostics with an easy-to-follow trace signal, the GFL- 1500 streamlines fault isolation, helping teams restore system operation quickly and effectively.

Fluke 283 FC/PV Solar Digital Multimeter and Wireless Current Clamp

The CAT III 1500 V/CAT IV 1000 V True-RMS Fluke 283 FC Digital Multimeter and a283 FC True-RMS Wireless Current Clamp set the new standard for technicians in DC environments up to 1500 V. Whether you're working with a utility-scale solar photovoltaic (PV) array, wind power, an electric railway, or a data center, the Fluke 283 FC has been engineered to enhance safety and increase productivity while giving you accurate, reliable, and repeatable results. The 283 FC/PV includes CAT III 1500 V DC safety-rated accessories so you can work confidently in higher voltage environments without compromising safety. The MC4 test leads allow you to quickly make reliable, secure connections to modules or strings to test DC voltage up to 1500 V DC. TL175-HV CAT III 1500 V/CAT IV 1000 V rated silicone test leads give you more flexibility when testing voltage, millivoltage, resistance, continuity, or capacitance on inverters, combiner boxes, PV arrays, or individual PV modules. A bright backlit LCD screen and illuminated keypad make it easier to work in both direct and low light conditions. The included magnetic hanging kit frees up your hands and the custom hard carrying case protects your investment while you transport it.

Ordering information

FLK-GFL1500-283/PV

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GFL-1500 Transmitter
GFL-1500 Receiver
GFL-1500 Clamp
MC4 Test Leads 1500 V rated test leads
Alligator clips
MC4 unlocking tool
Soft carrying case
Backpack style shoulder strap
AA Alkaline batteries (14)

283 FC TRMS Wireless Digital Multimeter
a283 FC 60A TRMS Wireless AC/DC Current Clamp
Solar MC4 test Lead set
TL175-HV TwistGuard™ Silicone test leads
Premium carrying case
Magnetic hanging strap

Fluke. *Keeping your world up and running.®*

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