

TECHNICAL DATA

Solar Tools Kit with PVA-1500HE2 PV Analyzer and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp



Key features

- Complete PV analysis kit for systems up to 1500 V DC
- Performs I-V curve tracing for module performance checks
- Logs voltage and current data with wireless connectivity
- Measures up to 30 A DC and 1500 V DC safely
- Ideal for solar performance testing and troubleshooting

Product overview: Solar Tools Kit with PVA-1500HE2 PV Analyzer and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp

Solar Tools Kit with PVA-1500HE2 PV Analyzer and 283 FC/PV Solar Digital Multimeter, Wireless Current Clamp
Featuring the Fluke 283FC/PV logging multimeter and PVA-1500HE2 I-V curve tester, this kit is designed for high-precision performance analysis and validation of solar PV systems up to 1500 V. It's a go-to solution for engineers and technicians who require detailed current and voltage data logging, and advanced module troubleshooting capabilities.

Fluke PVA-1500HE2 PV Analyzer I-V Curve Tracer

The Fluke Solmetric PVA-1500 is a cutting-edge I-V curve tracer kit designed to measure PV system performance. With this high-precision testing equipment, you can reliably assess the health and performance of solar modules and arrays,

making informed decisions to enhance their output and longevity. The PVA-1500HE2 is uniquely designed to measure all string types, even those with high efficiency modules, up to 30A. The PVA-1500HE2 also operates with a swift sweep-to-sweep delay of 9 seconds (at $V_{oc} < 1350V$). This results in the ability to measure 3.5 MW within an hour, even in high-temperature settings where standard curve tracers often fail due to overheating.

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

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

Part#: 6116164

UPC#: 195112155134

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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)
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- 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
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