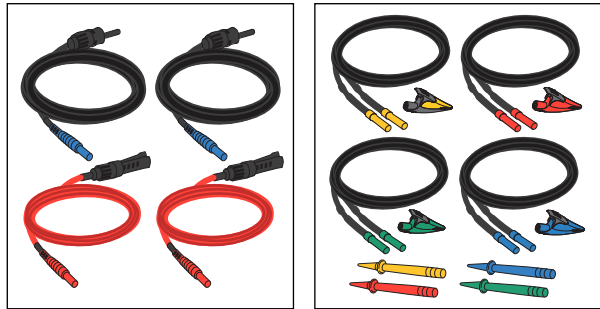
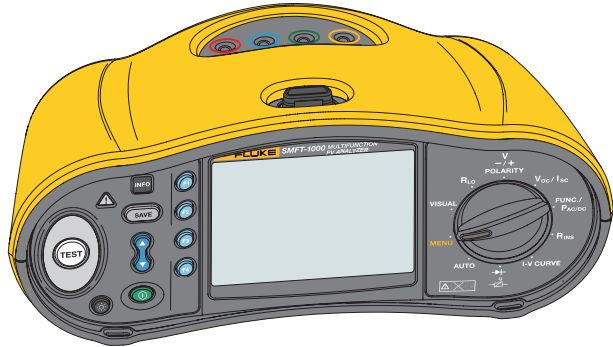
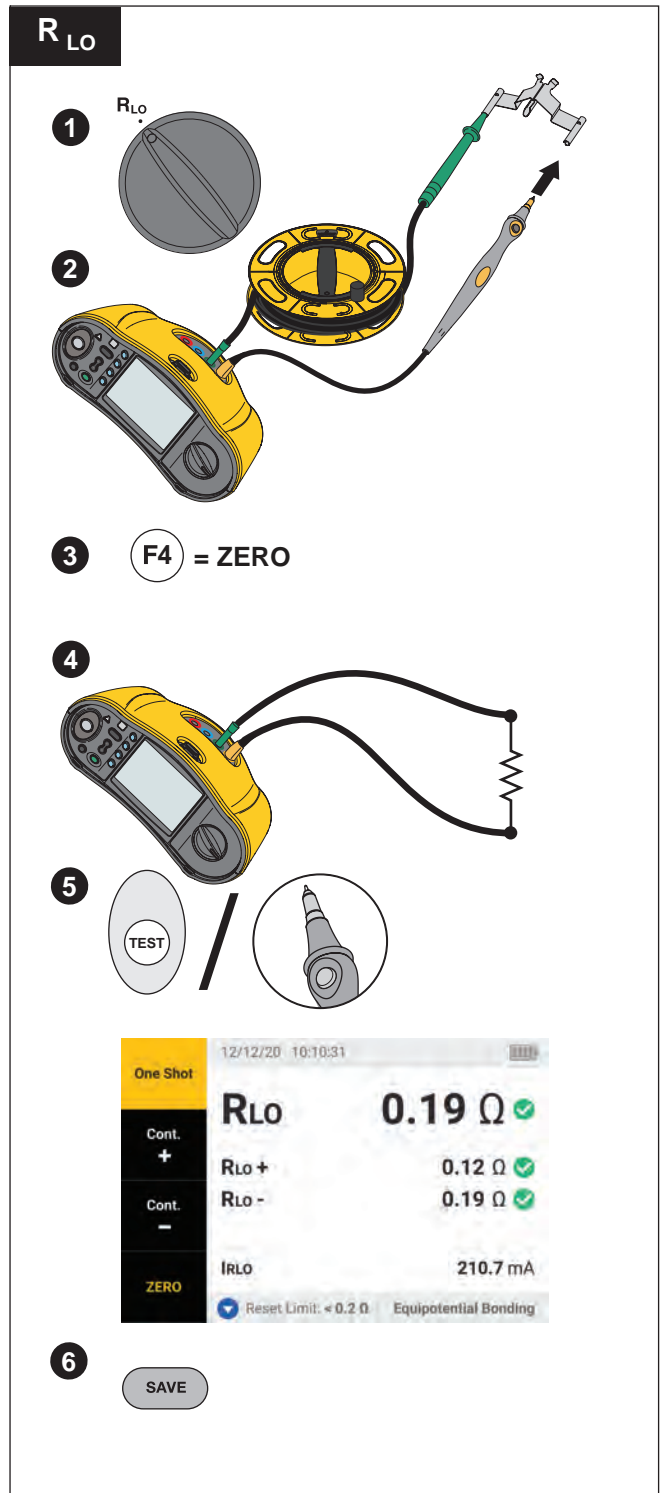
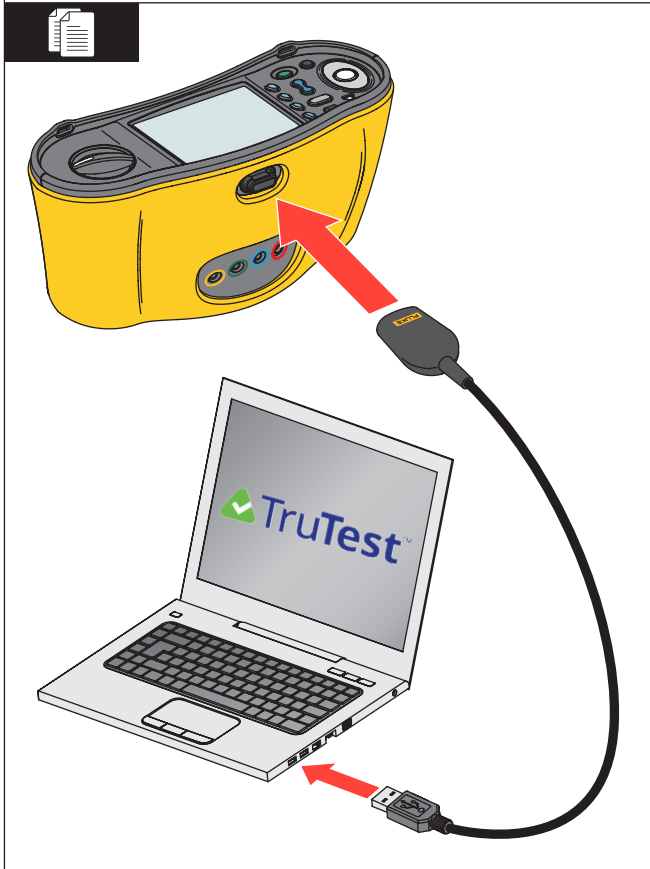
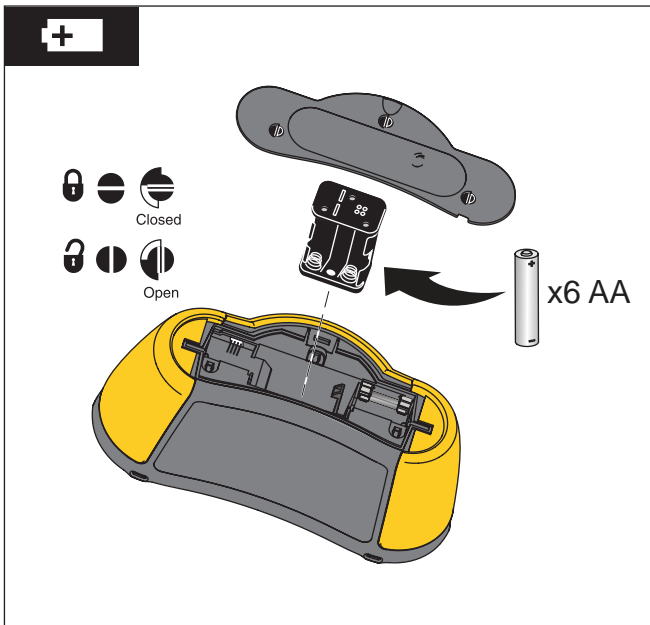




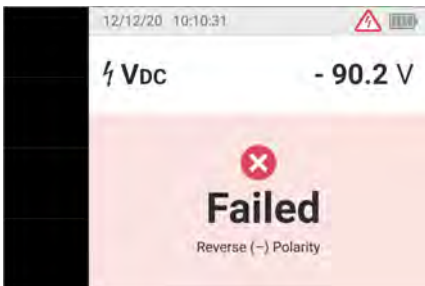
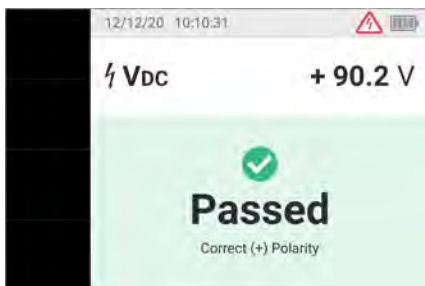
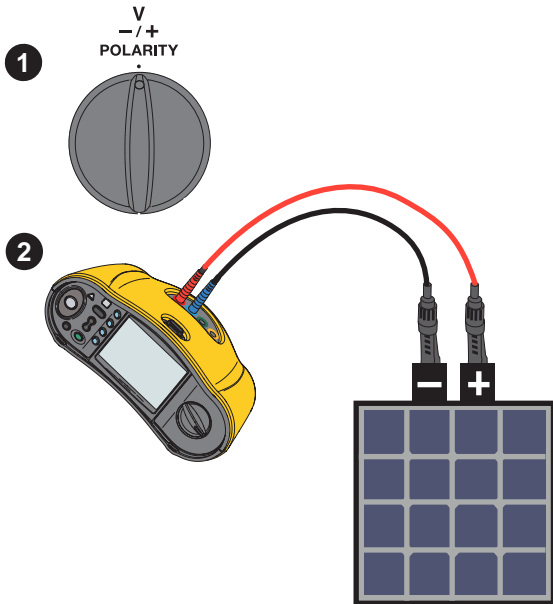
SMFT-1000 Multifunction PV Analyzer



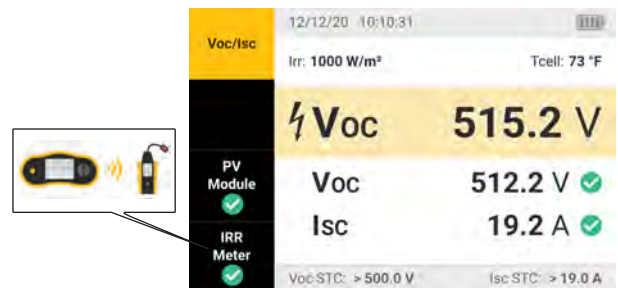
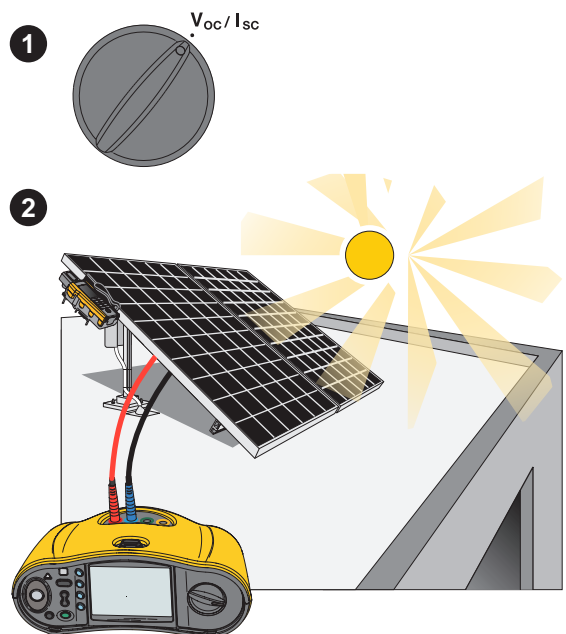
PN 5292395 9/2022
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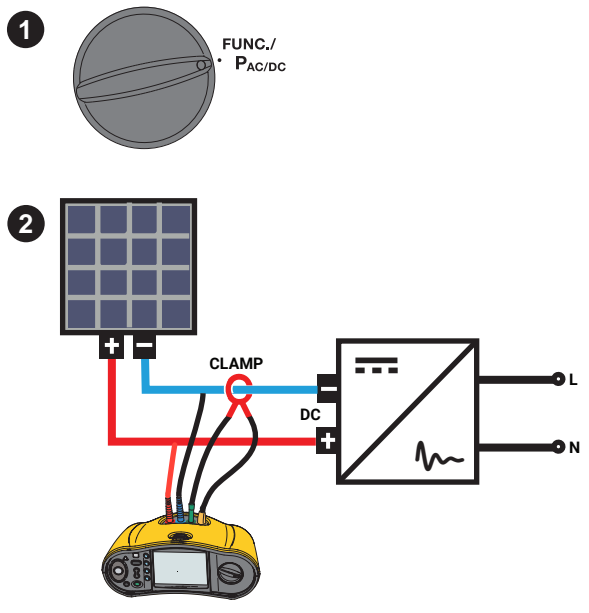
V -/+ POLARITY



V_{oc}/I_{sc}



FUNC./P_{AC/DC}

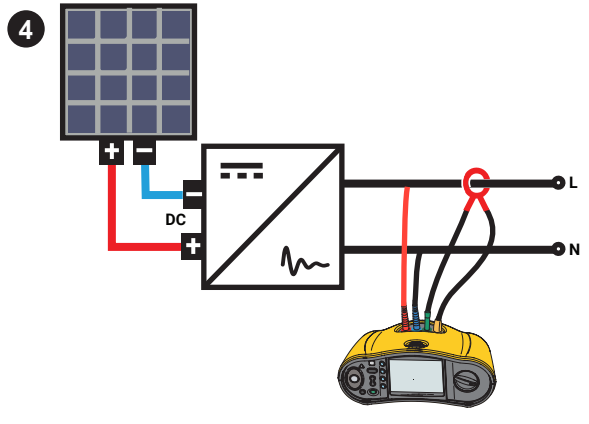


12/12/20 10:10:31

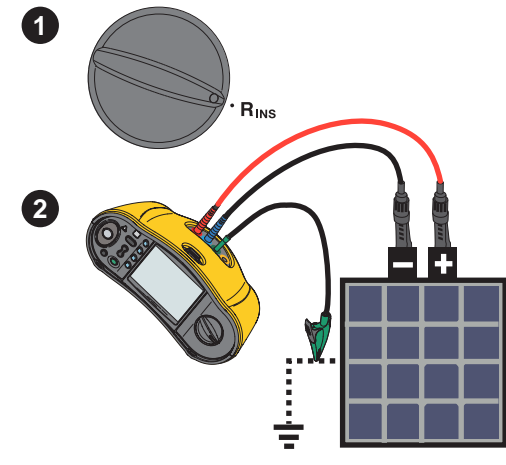
Power	DC	AC
Voltage	993.9 Vdc	--- Vac
Current	20.1 Adc	--- Aac
P	19.97 kW	--- kVA

Measure AC side
Press F3 to hold AC measurements.

Functional
Reset



R_{INS}



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Rins I

Rins II **RINS (II) 1.23 MΩ**

Rins Cont.

Wet Insulation VINS 512 V

Reset Vn: 500 V Limit: > 1.0 MΩ

3 SAVE

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Power	DC	AC
Voltage	993.9 Vdc	989.1 Vac
Current	20.1 Adc	19.2 Aac
P	19.97 kW	18.89 kVA

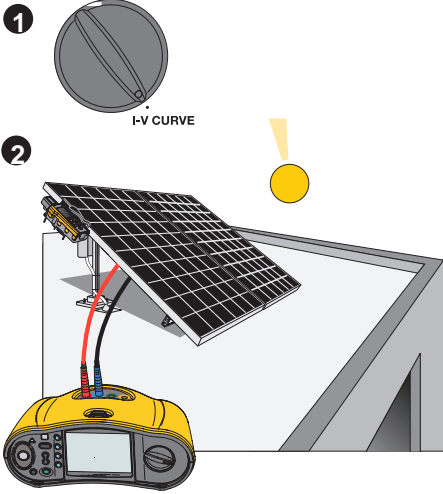
Measure AC side
Press F3 to hold AC measurements.

Functional
Reset

6 F3 Efficiency Factor: **94.5 %**

7 SAVE

I-V

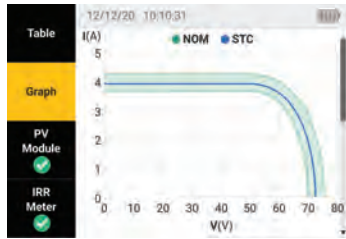


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Irr: 1000 W/m² Tcell: 73 °F

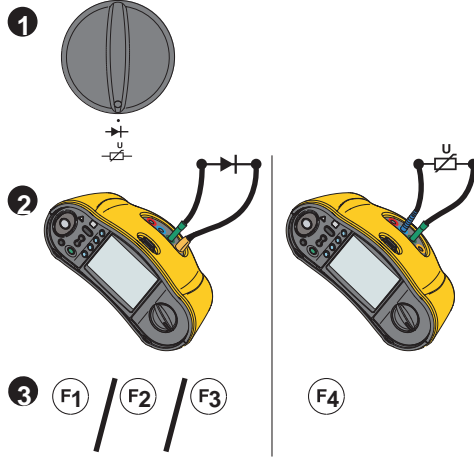
	NOM	STC
Voc	44.4 V	40.2 V
Isc	5.4 A	5.1 A
Vmpp	50.2 V	50.1 V
Impp	6.4 A	6.1 A
Pmpp	175 W	170 W
FF	95 %	92 %

Pass Criteria: 5%



3 SAVE

IRR2



4 TES

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Bypass Diode

Blocking Diode

Diode

SPD

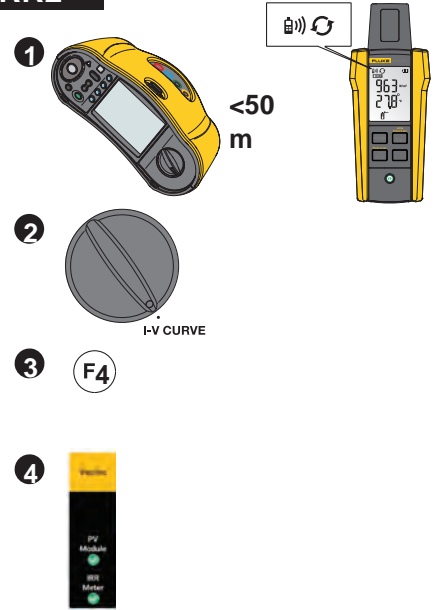
V_{DIODE} 1.11 V

I₀ 210.2 mA

SHUNT: 0.5 V - 1.65 V

5 SAVE

IRR2-



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Select

Memory

13 Saved Measurements

Client/Site

New Site A

Test Engineer

None Assigned

Device Settings

Help