

SOLAR POWER SOLUTION



UT219PV Professional AC/DC Clamp Meter-SOLAR

Scenarios and Features:

1. Suited for Solar system and High power motors
2. 2500V DCV and 1500V ACV measurement
3. 1000A AC/DC current measurement
4. Up to 2500KVA power test
5. IP65 protection
6. Thin and sharp jaw (35mm jaw opening)

UT673PV Solar MPPT Meter

Scenarios and Features:

1. Suited for Solar panels
2. Display multiple readings: Imp+Vmp+Voc+Isc
- 2.1 Imp: 0~35A; Vmp: 12~60V
- 2.2 Voc: 12~60V; Isc: 0~35V
- 2.3 Pmax: 5~800W
3. Equipped with MC4 connector and wrench



UT256 60A AC/DC Fork Meter

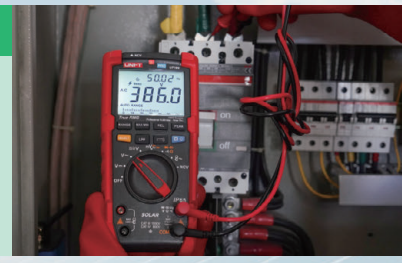
Scenarios and Features:

1. Suited for Solar system and Residential troubleshooting
2. Thin fork jaw for narrow spaces
3. 60A AC/DC True RMS measurement

UT196 Professional Multimeter-SOLAR Pro

Scenarios and Features:

1. Suited for Solar system and Mining power system
2. 1700V DCV and 1500V ACV measurement
3. IP65 and 2m drop proof



UT197PV Digital Multimeter (COMING SOON)

Scenarios and Features:

1. True RMS with 6000 display count
2. Voltage test: DC 2500V+AC 1500V
3. Power measurement
4. Working temp.: -40°C to 55°C
5. IP67 & 5m drop protection
6. CAT III 1500V & CAT IV 1000V

UT251C+ AC Leakage Current Clamp

Scenarios and Features:

1. Suited for Residential and Commercial Power system
2. Large Jaw size: up to 40mm
3. 3.000mA~60.0A current measurement
4. High resolution: 1μA
5. Bluetooth app



UT516B Insulation Resistance Tester

Scenarios and Features:

1. Suited for High-voltage power system and Telecommunication
2. 12KV high output voltage and 10TΩ IR measurement
3. PI and DAR measurement

UT503PV PV Insulation Tester

Scenarios and Features:

1. Suited for Solar system and common IR measurement
2. Up to 1000V output test voltage
3. DC 1000V & AC 600V measurement
4. Max insulation resistance: 4GΩ
5. Energized device test (<1000V DCV)
6. Bluetooth app



UT285C Three Phase Power Quality Analyzer

Scenarios and Features:

1. Suited for Solar system and Commercial power system
2. Power measurement: 9999.9KW
3. Voltage test: up to 2828V
4. Active energy: up to 9999.9MWh
5. PC software analysis

UT278D Ground Pile Clamp Earth Resistance Tester

Scenarios and Features:

1. Suited for Solar system and Commercial Grounding system
2. 3-phase or 4-wire measurement
3. PC software analysis



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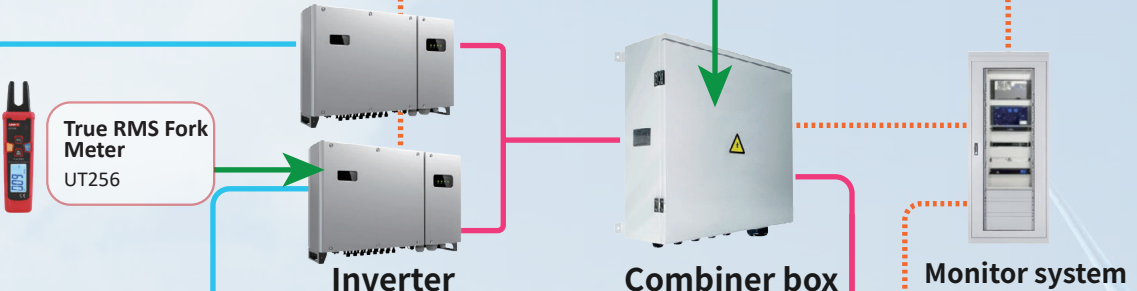
Solar power has witnessed remarkable growth, with an impressive new installation capacity of around 239GW by the end of 2022, representing approximately 66% of the overall energy sector's expansion. This upward trajectory is projected to persist at an accelerated pace. To meet the demands of this thriving market, UNI-T provides a comprehensive suite of tools tailored for the renewable energy sector. These tools guarantee expedited, secure, and effective solar system installation and maintenance processes.




Solar Power Facility Solutions

 Digital Multimeter UT197PV
  Photovoltaic Clamp Meter UT219PV
  Three Phase Power Quality Analyzer UT285C
  Professional Multimeter - Solar Pro UT196
  AC Leakage Current Clamp UT251C+

 Hand-held Acoustic Imager UT568B



 Solar Irradiance Meter UT381PV
  Digital Multimeter UT197PV
  Solar MPPT Meter UT673PV
  PV Insulation Tester UT503PV
  Thermal Imager UTi740H+

 Thermal Imager UTi740H+
  12KV Insulation Resistance Tester UT516B
  Ground Pile Clamp Earth Resistance Tester UT278D
  AC Leakage Current Clamp UT251C+

— DC Current
— AC Current
- - - Monitor System

UT381PV Solar Irradiance Meter

Scenarios and Features:

1. Irradiance, temperature, inclination, azimuth measurement
2. UV-resistant housing
3. Mobile APP connection
4. IP65 and 2m dropproof



UTi740H+ Thermal Imager

Scenarios and Features:

1. Tailor-made for electric energy & solar systems
2. Features a 4.3" high-definition touch display
3. Boast a 30Hz infrared detector with 400x300 resolution
4. Manual Focus
5. Temperature measurement range from -20°C to 650°C. Up to ±1.5°C/±1.5% accuracy



UT568B Hand-held Acoustic Imager

Scenarios and Features:

1. 138 MEMS digital microphone
2. Measurement distance up to 150m
3. Gas leakage & partial discharge detection
4. Capturing acoustic spectrum from 2kHz to 100kHz
5. Photo capturing & video recording
6. With LED light



Electrical Measurement Tools					
Solar MPPT Meter UT673PV	True RMS Fork Meters UT256	Professional Multimeter - Solar Pro UT196	Digital Multimeter UT197PV	Photovoltaic Clamp Meter UT219PV	AC Leakage Current Clamp UT251C+

Insulation and Power Quality				Temperature	Acoustic imager	Irradiance
12KV Insulation Resistance Tester UT516B	PV Insulation Tester UT503PV	Three Phase Power Quality Analyzer UT285C	Ground Pile Clamp Earth Resistance Tester UT278D	Thermal Imager UTi740H+	Hand-held Acoustic Imager UT568B	Solar Irradiance Meter UT381PV

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