TECHNICAL DATA

TLPV2 Solar Clamp Test Lead Set, Black/Red





The **TLPV2 Solar Clamp Test Lead Set** is designed for accurate, safe DC power measurements on photovoltaic (PV) modules and systems. Equipped with official Staubli MC4 connectors, the TLPV2 ensures reliability and compatibility for professionals working in solar applications. It facilitates seamless connection between the solar panel and inverter, enabling users to monitor and troubleshoot solar PV circuits effectively.

Key Features:

- Set of black and red Solar PV MC4 Power Clamp Test Leads
- The black test lead is an MC4 (male) breakout to 12-inch PV connector (female) and 36-inch 4mm sheathed banana plug test lead
- The red test lead is an MC4 (female) breakout to 12-inch PV connector (male) and 36-inch 4mm sheathed banana plug test lead
- Designed for use with Solar Clamp Meters that accept 4mm sheathed banana plugs, like the Fluke 393 FC Solar Clamp Meter
- Creates connection between the Solar Panel and Inverter for measuring with a Clamp Meter
- Ensures safe DC power measurements on Photovoltaic (PV) modules and systems
- Allows user to monitor solar PV circuits during operation for troubleshooting and maintenance of PV systems
- Nickel plated contacts for long insertion life
- PV unlocking tool included for convenient disconnect of Staubli MC4 connectors

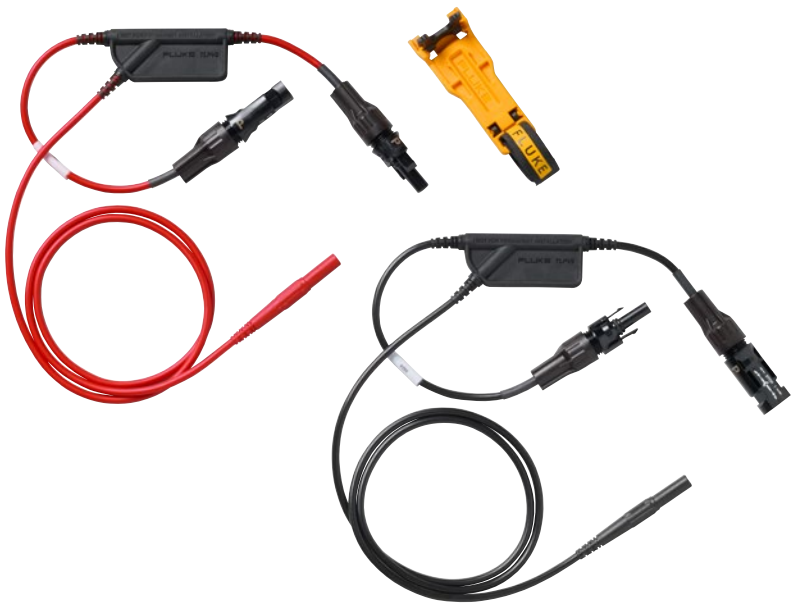
Applications:

- **Solar Panel Installation and Maintenance:** Enables accurate DC power measurements and diagnostics during installation and routine maintenance of PV systems.
- **Inverter Testing:** Provides a safe connection for clamp meters to measure and troubleshoot inverters connected to PV modules.
- **PV System Troubleshooting:** Ideal for identifying faults, performance issues, or inconsistencies within PV circuits while systems are in operation.
- **Energy Monitoring and Efficiency Testing:** Allows for continuous monitoring of PV output and performance, supporting energy audits and efficiency assessments.

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Specifications

Ratings	
Voltage	Complies to IEC/EN61010-031
	CAT III 1500V
	Do Not Disconnect Under Load
	Not intended to use for Permanent Installation
Current	30 A
Temperature Range	+5 °C to +30 °C (+41 °F to +86 °F), <80 % RH
	+31 °C to +40 °C (+88 °F to +104 °F), <50 % RH



Ordering Information

Model: MC4 Solar Power Clamp Set, Black/Red

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