Technical Specifications & Appearance are subject to change without prior notice



PRO 20PV

SOLAR MPPT METER

INTRODUCTION

The **Metravi Pro 20PV Solar MPPT Meter** can effectively identify any abnormalities in solar panels by testing their Maximum Power, Peak Power Voltage, Peak Power Current, Open Circuit Voltage, and Short Circuit Current.

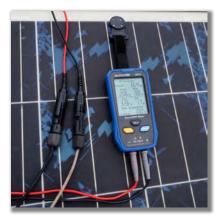
Featuring a large display and automatic measurement capabilities, this device conveniently displays all measurement results simultaneously. Its portable design enables easy carrying, greatly enhancing the operational and maintenance efficiency for Photovoltaic and Solar Panel manufacturers, installers, and end users



FEATURES

- Maximum Power Test (Pmax): 5 ~ 800W
- Peak Power Voltage (Vmp): 12 ~ 60V
- Peak Power Current (Imp): 0 ~ 35A
- Open Circuit Voltage (Voc): 12 ~ 60V
- Short Circuit Current (Isc): 0 ~ 35A
- Large screen and multiple result display: A single measurement that displays all essential test values can significantly
 enhance work efficiency.
- No batteries needed, powered by the solar panel: There is no requirement for batteries as the measurement can be effortlessly performed for extended periods.
- **Equipped with MC4 test lead**: With the MC4 connector already included, there is no need for additional solar panel connectors. This enables quick and efficient measurements to be performed effortlessly.
- **Portable and convenient:** With its portable and lightweight design, this meter provides operators with convenience and ease of use, making it an incredibly versatile and indispensable tool for a wide range of tasks.
- Certifications: CE, cETLus, RoHS









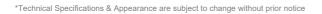
PRO 20PV SOLAR MPPT METER

TECHNICAL SPECIFICATIONS

SPECIFICATION	RANGE	ACCURACY	RESOLUTION
Max power measurement	5~800W	±(1.0%+10)	0.1W
Max power current(DC)	0~35A	±(1.5%+5)	0.1A
Max power voltage(DC)	12~60V	±(1.5%+5)	0.1V
Open circuit current(DC)	12~60V	±(1.5%+5)	0.1V
Short circuit current(DC)	0~35A	±(1.5%+5)	0.1A

GENERAL SPECIFICATIONS

Display	Large LCD (52 x 66 mm)	
Protection	Protection against reverse polarity connections Over-voltage protection Over-current protection Over-temperature protection Over-power protection	
Test Modes	Manual / Auto	
Over Range Indication	Available	
Data Hold	Available	
Power Supply	No battery needed, powered by the solar panel under test	
Certifications	CAT 0 60V, CE, cETLus, RoHS, Pollution Degree 2	
Drop Proof	1m	
Operating Altitude	≤ 2000m	
Operating Temperature	18°C to 28°C (64°F to 82°F)	
Storage Temperature	-10°C to 50C (14F to 122°F)	
Relative Humidity	≤75% RH (0° to 30°C); ≤50% RH (30° to 40°C)	
Dimensions	142 x 76 x 22 mm	
Weight	Approx. 154 gms	





Pmax: 2 15. 1_W
Vmp Imp
478 v 45 A

Test Completed

Solar MPPT Meter

— 60 V MAX +