



Solar Power Meter (With Data-Logging)

LXP-420 Data-Logging / Water-Proof

IP66 CE RoHS

LXP-420 can be connected to a solar radiation sensor to quickly measure and display its power for sensor signal. The water-proof and dust-proof structure can be suitable for outdoor or harsh operating environment. Data-Logging up to 32,000 readings and built-in perpetual calendar can record data value completely.

Applications :

Environmental studies, Energy development,
The solar industry, Various solar energy sensor monitoring.

Features :

- IP66 water-proof & dust-proof
- Max/Min/Avg Function
- IP66, CE and RoHS approved
- Large LED back-light;
Intelligent multifunction instructions
- Data-Logging up to 32,000 readings;
Perpetual calendar
- Both USB and RS-232 interface cable



Specifications of LXP-420

Input Range	0.0mV~140.0mV
Measurement Range	0.0~3200.0 W/m ²
Accuracy (at 25°C)	± 0.1% of rdg
Resolution	0.1 W/m ²
Reading Rate	Approx.1 sec.
Sampling Rate	2 second to 120 minutes (User Selectable)
Memory	32,000 readings ※The instrument can be displayed up to 19999 readings
Baud Rate	57,600
Main Functions	Data hold, Max/Min/Avg. Functions, Data-Logging, Perpetual calendar, AC/DC power, Battery sign and low battery warning, Calibration function, Sensitivity adjustment, LED back-light, IP66 water and dust proof.
Power Source	One 9 V battery or AC Adaptor
Dimensions / Weight	150 × 75 × 28 mm, Approx.320g (battery included)
Input Connections	Banana Socket X 2
Standard Applications	LXP-420 Solar power meter TU-655C Plastic Carrying Case TU-609 Battery 9V006P Instruction manual
Operating Environment	-20 ~ +60°C ; 0 ~ 100%RH

*Specifications are subject to change without notice.

Option Accessories

TU-RS232-W	RS-232 interface cable
TU-USB-W	USB interface cable and WINDOWS software
TU-6019 / 6029	AC Adaptor, TU-6019 (AC100V±10%) / TU-6029 (AC220V±10%)