



# Solar Power Meter (With Data-Logging)

## LXP-420 Data-Logging

□ 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 <sup>2</sup>  |
| Accuracy (at 25°C)    | ± 0.1% of rdg  |
| Resolution            | 0.1 W/m <sup>2</sup>   |
| Reading Rate          | Approx.1 sec.  |
| Sampling Rate         | 2 second to 120 minutes (User Selectable)  |
| Memory                | 32,000 readings<br>※ 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<br>TU-655C Plastic Carrying Case<br>TU-609 Battery 9V006P<br>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%) |