

## OSC 92UE100 Series Solar Array Checker

### <Application>

-This portable device can easily measure the solar cell's current, voltage, and power by tapping the output terminal directly at sites. (Periodical measurement is also available optionally). This device operates with AC power source and/or 4 pcs AA type battery. This device can measure either monocrystalline silicon or polycrystalline silicon type of solar cell. Moreover, by connecting the main unit to PC via USB cable, various functions are becomes available



### <Features>

- The data management can be done per customers.
- Measured, corrected, and calculated data is displayable and manageable in I-V/P-V curve.
- Solar cell module's manufacturer data are storable and manageable.
- Estimation and simulation can be performed using specification from solar cell module's catalog.
- Multiple data from strings can be accumulated.
- Measured data is reportable into excel file or CSV-export.

### <Specifications>

Model	OSC 92UE 100A	OSC 92UE 100B
Max. Power	3.5Kw	1.2 Kw
Max. Voltage	DC500V	DC120V
Max. Current	10A (DC120~350.0V), 7A (DC350.1~500V)	10A (DC10V-120V)
I/O Devices	Solar Cell 1 pcs, Thermal Sensor 2 pcs (sold separately)*, Pyranometer 1 pcs (sold separately)*, PC Windows® USB port 1 port	
Displayed Items	Time of Measurement, ID number (optional), Fill Factor (FF), Open Voltage (Voc), Short Current (Isc), Max. Power (Pm), Max. Operating Current (Ipm), Max. Operating Voltage (Vpm), Solar Radiation (PYRA), Temperature (External and Module), I-V Data	
Storable Data	400 Measurements	

**\*The measured data can be send and edited at PC**