

# AGROMETEOROLOGICAL INSTRUMENT

## Photon Meter

Model: GLZ-A/ GLZ-B/ GLZ-C

### ● Technical parameters

Measuring range: 0-2700 $\mu$ mol m<sup>-2</sup>s<sup>-1</sup>  
 Spectral wave range: 400-700 nm  
 Linearity: whole measuring length  $\pm 1\%$   
 Stability: Change is less than  $\pm 2\%$  / yr.  
 Resolution: 1  $\mu$  mol m<sup>-2</sup> s<sup>-1</sup>  
 Power: 8.4v 1500mAh Li-ion battery  
 Record time interval: 5min - 99hour continuously adjustable  
 Communication interface: RS485  
 Ultraviolet and infrared response: 0.5%  
 Illuminance range (GLZ-C): 0-200000Lux  
 Accuracy:  $\pm 2\%$  (0-20000Lux) Illuminance resolution: 1Lux



### ● Model difference

Model	Difference
GLZ-A	Without computer interface, can only store the data on the data logger
GLZ-B	Communication: RS485 Dual channel record
GLZ-C	Communication: RS485 Dual channel record, it is able to record PAR and illumination



## Temperature-Humidity and Illumination Meter

Model: DJL-18

### ● Technical parameters

Record capacity: up to 30,000 groups in Data logger, and equipped with 4G Micro SD.  
 Record time interval: 5min~99hour.  
 Sensor communication: RS485  
 Working power supply: 8.4v 1500mAh Li-ion battery

Temperature	Range:-40°C-120°C Accuracy: $\pm 0.4^{\circ}\text{C}$ Resolution:0.1°C
Humidity	Range:0-100%RH Accuracy: $\pm 3\%$ RH Resolution:0.1%RH
Light Intensity	Range:0-200000LUX Accuracy: $\pm 2\%$ (0-20000Lux) Resolution:1LUX

