



A remote monitoring unit for solar street lighting

RMU

Philips Solar Remote Monitoring Units (RMU) is a breakthrough solution for off-grid solar street lighting. It records system operation data, which can be used for energy reporting, environment and sustainability reports and system state-of-the health; The RMU enables real-time remote control, updating dimming profiles, remote programming and upgrading. The user-friendly interface of the software is easy for you to manage the solar lights remotely.

Benefits

- Monitor the health of critical components of the solar lighting system
- Remotely control the solar street lights, individually or in groups
- Logs energy data so you can analyse system performance
- Remotely optimise the dimming profile of street lights according to the changing solar irradiance in various seasons
- Make the solar street light system smart-city-ready with data access through APIs
- Real time alerts to minimise outages
- Easy installation through plug-and-play single cable connection

Features

- 128-bit AES-encrypted communication
- Weather-proof, rugged construction
- Web-based user interface, compatible with all major web explorers
- Multiple options to store the dimming profile in LCU or CCU
- Supports both individual and group controls
- Choice of 2G/3G/4G or Ethernet-based back-haul connectivity
- Role-based user access control mechanisms
- Configurable data read interval

RMU

Application

- Solar Street Lighting

Versions



Application Conditions

Ambient temperature range -10 to +65 °C

Approval and Application

Ingress protection code IP65

Operating and Electrical

Cable connection kit Excluded

Mechanical and Housing

| Order Code | Full Product Name | Overall height | Overall length | Overall width |
|------------|-------------------|----------------|----------------|---------------|
| 01892601 | Solar RM LCU A128 | 25 mm | 65 mm | 85 mm |

| Order Code | Full Product Name | Overall height | Overall length | Overall width |
|------------|-------------------|----------------|----------------|---------------|
| 01892701 | Solar RM CCU A128 | 80 mm | 170 mm | 100 mm |

