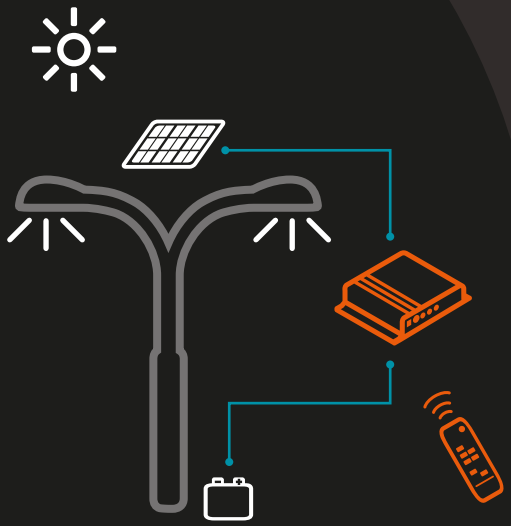
www.phocos.com

phocos

CIS-MPPT Charge Controller

Reliable and Highly Efficient Solution for
Solar Street Lights and Monitoring Systems



Solar Street Lights

Reliable and Highly Efficient Solution for Solar Street Lights and Monitoring Systems

The newest member in the fully encapsulated series of CIS charge controllers: the CIS-MPPT 75/20.

Integrated MPPT technology boosts energy output from PV modules by up to 30%. It also allows the use of cost-effective, grid-connected modules (higher rated voltage), resulting in attractive system cost savings.

With its robust design (IP 68 protection class), dimming and timer functions, and advanced MPPT technology, the CIS-MPPT is a reliable and efficient solution for applications exposed to harsh environmental conditions and for special lighting requirements.

Perfect for:

- Solar street lights
- Park lights + pathways
- Control systems

Perfect for:

- Solar street lights
- Park and pathway lights
- Lighting in nature reserves

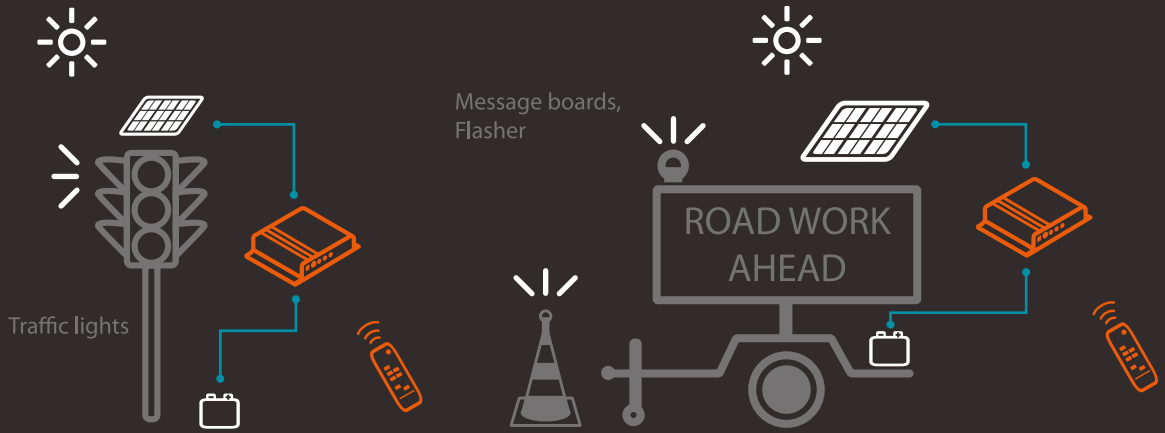
Solar street lights bring light to many areas – in rural regions with no grid access, in nature reserves, and on long city roads. Off-grid solar power offers flexible, eco-friendly, and cost-effective solutions with no trenching. CIS-MPPT users benefit from:

- Outstanding system efficiency (max. 98%) thanks to MPPT technology
- Fully encapsulated (IP 68 protection class): increased lifespan and reliability
- Intelligent timer and dimming functions
- Auto-protect function: two voltage disconnects extend system operation time and increase reliability
- Smallest size in its power class – fits everywhere

Traffic Control Systems

Perfect for:

- Traffic lights
- Flashlights
- Message boards
- Parking systems

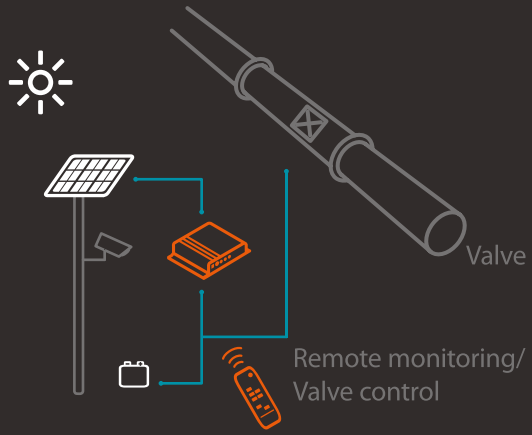


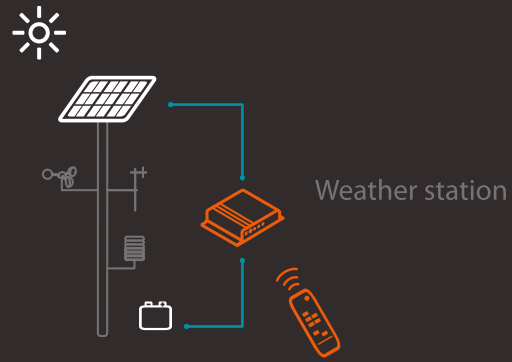
Solar powered traffic control systems are energy-saving and eco-friendly solutions that contribute to road safety. The robust and waterproof housing, compact size, and high efficiency of the CIS-MPPT makes it the perfect choice for all types of outdoor applications.

Control Systems in the Oil & Gas Industry

Perfect for:

- Valve control
- SCADA
- Weather stations





Most oil and gas applications are exposed to very demanding environments where electrical power is rarely available. For example, in oil and gas pipelines, valves are used to regulate and control conditions such as flow, pressure, or temperature. The CIS-MPPT charge controller offers reliable and effective solutions to ensure continuous site monitoring.

Phocos AG
Magirus-Deutz-Str. 12
89077 Ulm, Germany
Tel./Phone +49 731 9380688-0
Fax +49 731 9380688-50
info@phocos.com
www.phocos.com

Australia | Bangladesh | Bolivia | Brazil | China | Germany | India | Japan | Kenya | Romania | Singapore | South Africa | USA