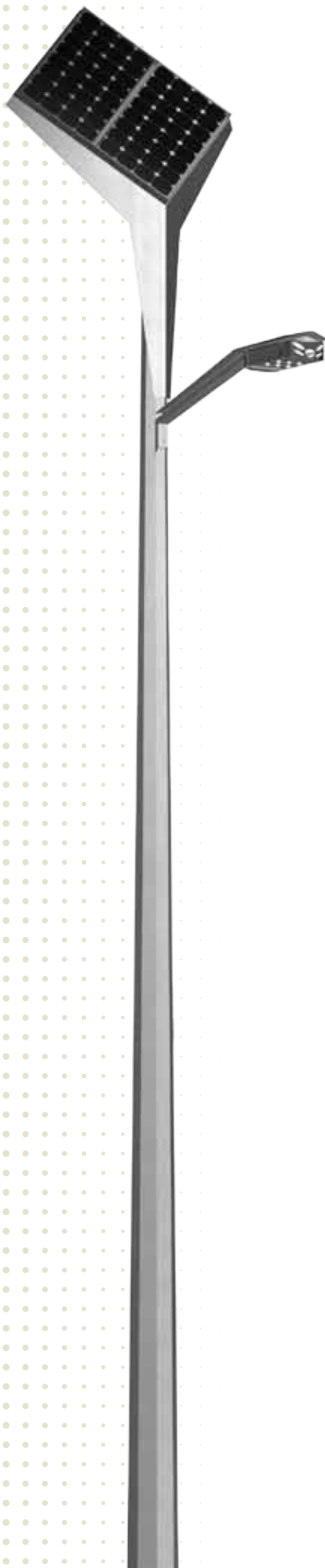


SoLED



*Powerful and intelligent
solar streetlights*



Economic efficiency

- No energy costs
- Energy recovery into the grid for groups of luminaries without battery
- CO2 - free
- Long-lasting LED lamps – reduced maintenance
- No expensive mains-wiring needed for the Stand-alone version
- Energy-management via GSM remote control

Safety

- Compliance with international lighting standards, with Power Station and Hybrid version even for low levels of solar radiation
- Fail-proof redundant security circuit due to a parallel energy supply system
- Best visible light for traffic applications due to DC-light operation
- Hybrid version for regions with less solar radiation or for increased performance requirements
- Maintenance management via GSM remote control
- Controller software update via GSM module

***SoLed XP solar street lights
Economically and ecological sustainability!***

Main features

SoLed Controller

- High sophisticated solar charge control with intelligent MPP algorithm for a maximum energy recovery for an optimum battery charging
- DC-Light, that means non vibrant light and that implies highest safety in road traffic because of better recognition between moving objects
- User-friendly fixed in the pole on eye level
- Modular system (Stand Alone, Hybrid, Power Station)
- Automatic or user-dependent operation
- Individual time- and energy management
- SoLed Wizard for parametrization the lights
- Optional with GSM-Modul for remote maintenance, service management or system control

LED Lighting Head

- Luminous flux 2300 - 9000 lm (double arm Power Station)
- Light distribution lens symmetric or asymmetric
- Dimmable (100% to 10%)
- Temperature control
- LED Cree SXP
- No electronic ballast inside the lighting head - the electronic is fixed in the pole at eye level. That means longer lifetime for LEDs and ballast (less heat generation in the light housing)

PV Module

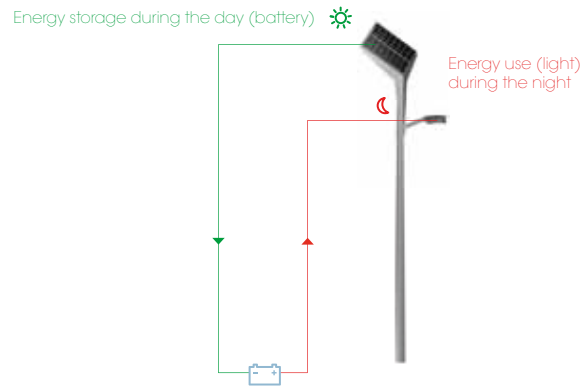
- Monocrystalline modules: photovoltaic modules are made with unique back connected solar cells
- The cells have a unique structure, different from conventional cells, they yield average conversion efficiencies up to 21 %
- Very high load capacity also in case of bad weather conditions (diffused daylight)
- Made of high quality materials which ensures a high reliability of the modules

Systems

Stand Alone

Independent, battery-powered solar light

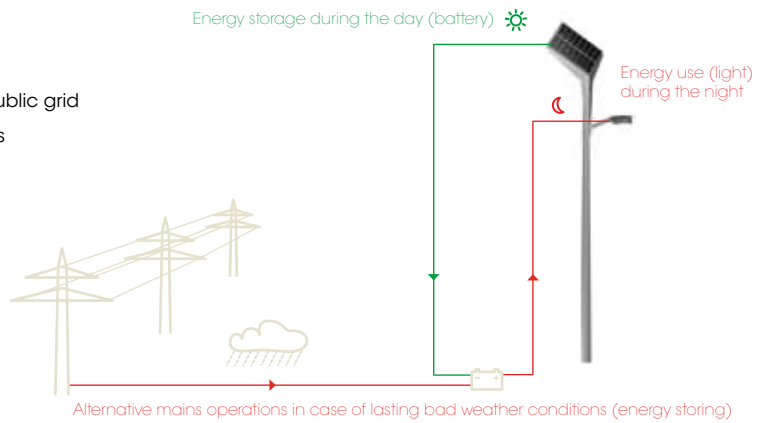
- Energy storage during the day (battery)
- Energy use (light) during the night



Hybrid

Battery-powered solar light with mains connection

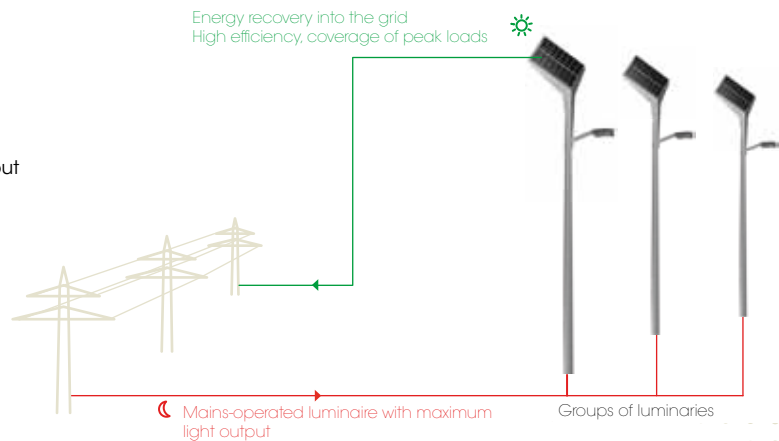
- By long run of bad weather - feed in from the public grid
- Designed specifically for use in Northern latitudes



Power Station

Solar light as energy provider for the public grid

- Solar-feed-in into the public grid
- Mains-operated luminaire with maximum light output
- No batteries needed





***SoLed XP systems - save and innovative products.
A really worthwhile investment!***



Street lighting in accordance with DIN EN 13201



Main roads



Cycling and walking path, streets



Square lighting

SoLED

SoLed
Hofnerstraße 47
A - 6811 Göfis

Tel.: +43 5522 81714
sales@soled.at
www.soled.at

AUSTRIA