



Clean, Renewable Off-Grid High-Intensity Light Source for Off-Grid Environments

Complete System: From Sunlight to Bulb Light — 8 to 16 Hour Continuous Illumination per Full Charge

SYSTEM INCLUDES

Everything needed to convert sunlight to electricity for lighting:

- 10-Watt solar panel
- 20-foot/18-gauge cables
- 12V/3-Amp 20-hour battery
- Solar charge controller
- 3 12/14V white LED lamps
- 3 Light sockets
- 1 12V vehicle-style power outlet that can accept a 12V-to-5V cellphone adapter



FEATURES

- **Kit Warranty:** 1 Year
- 12V Power Connectors for **3 Lamps & Cellphone Charging Adapter**
- Meets **IP65** for Environmental Protection
- **ON/OFF Switch-Selectable** for Lamps & Solar Panel Charge
- Houses Charge Controller and Battery

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	SLR002-10W-TPW-001
PV MODULE / SOLAR PANEL	
Cell Type	Monocrystalline
Frame Material	Anodized Aluminum Alloy
Front Cover	Tempered Glass
Maximum Power (P_{max})	12.60 Watts
Working Voltage (V_{max})	12V-17V
Max. Power Current (I_{max})	0.84A
Open Circuit Voltage (V_{oc})	20.50V
Short Circuit Current (I_{sc})	0.88A
Dimensions	14.10" x 12.10" x 1.08" 358.1 x 307.3 x 27.4mm
Weight	3.53 lbs / 1.6 kg
LAMPS	
Emitted Color	Pure White
Color Temperature	4800K-5200K
Viewing Angle	3x 40° <small>[Full Beam Width @50% Intensity]</small>
Input Voltage	12/14VDC
Input Current	100mA
Input Power	1.4 Watts
Efficacy	64 lm/W
Maximum Candela	134 cd
Total Lumens	90 lm

APPLICATIONS

- **Emergency:** Roving Blackouts or Power Outage Home Backup Lighting, Vehicle Roadside Emergency Light
- **Off-Grid Sites:** Remote Cabins, Offshore Oil Platforms
- Marine & Boating
- Recreational Vehicle or Motor Homes / Cabins
- **Nature Enthusiasts:** Campers & Hunters
- **Disasters:** Earthquake and Hurricane Emergency Kits



A family in the village of Samoongoth, Pakistan, enjoys the light provided by a SLR002 solar-charged lamp kit outdoors...



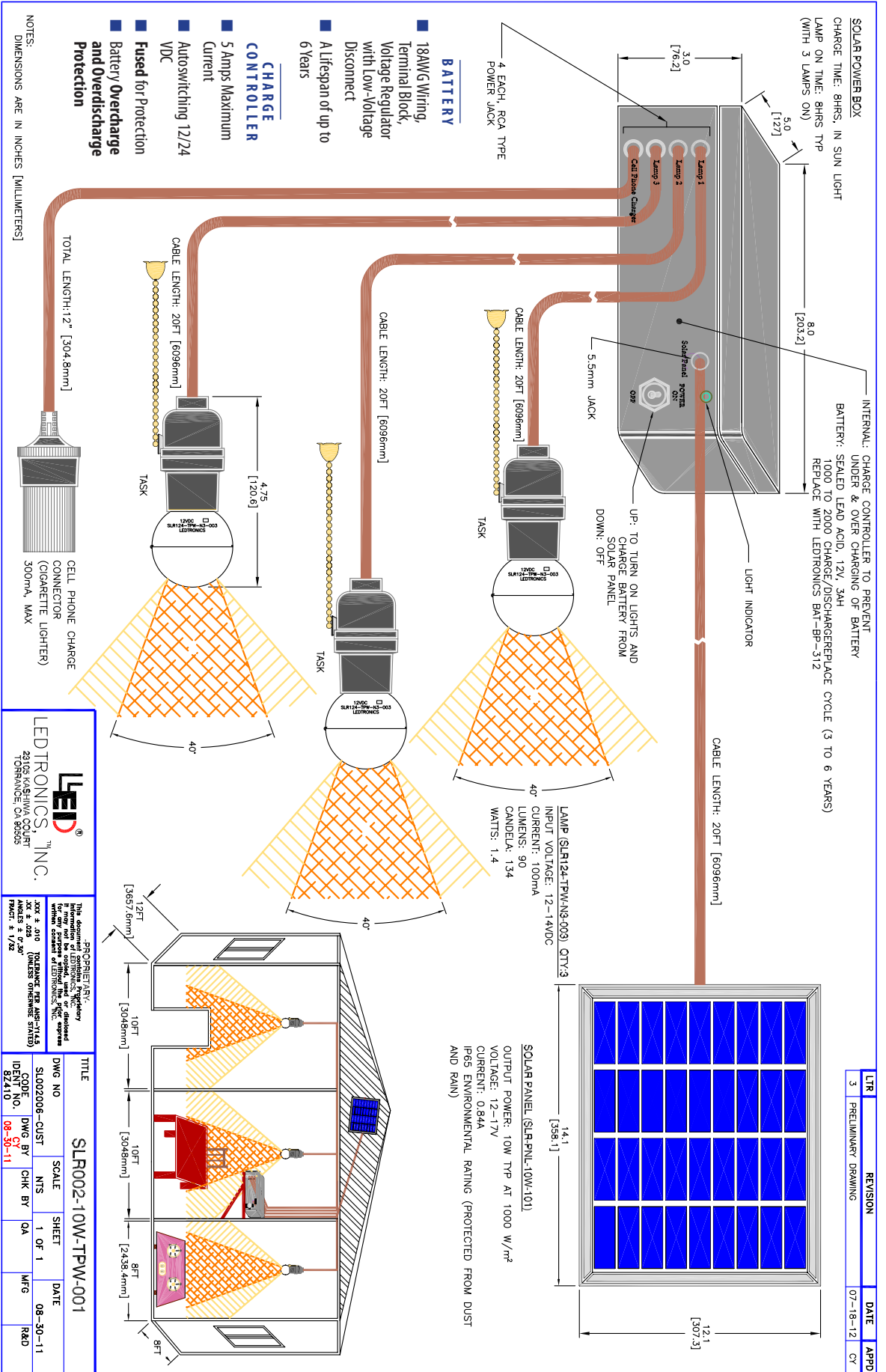
... and in the kitchen

BENEFITS

- **Major Energy Cost Savings:** Solar-Rechargeable Battery Offers Utility-Independence
- Fully-Charged Battery Powers 3 High-Intensity Lamps for Approx. 8 Hours
- **Eco-Friendly:** Solar-Rechargeable Battery Eliminates Environmental Impact Associated with One-Time-Use Batteries
- **Easy & Quick to Install** and Virtually Maintenance-Free
- **Eliminates Hazards** (Fires, Burns, Fumes, Spills and Explosions) and Fuss of Using Propane or Kerosene-Fueled Lighting
- **Clean, Green Energy** from the Sun: Using LED Lamps with Renewable Energy Sources Helps Reduce Reliance on Fossil Fuels

CUSTOM OPTIONS

- Larger Sized Solar Panels Available
- Larger Sized Batteries
- Optional 12-Volt Lamp Styles
- Other White Light Color Temperatures



White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

NOTE

- Wiring and bulb sockets are not rated for outdoor use. These devices are subject to corrosion if left outdoors.
- When charging a cell phone with the Solar Kit, the user will need to provide a POWER ADAPTER used to convert 12-volt automotive power to their cell phone's power needs, typically 5V with a Micro-USB plug.