



# Renewable Universal Power Supply LTN1-300RUPS / LTN2-300RUPS

Job Name:  
Date:  
Model:  
Quantity:

## Features

- ❖ Using Solar to Power Anything Low-Voltage!
- ❖ 50W "Shadow Proof" Solar Panel
  - Independently wired bypass diodes for enhanced chargeability
- ❖ Mounting Bracket
  - LTN1-300RUPS: 3" or 4" Round or Square Pole, Wall or Rooftop Mount, for up to (2) 50W solar panels
    - U-Bolts (if necessary)
  - LTN2-300RUPS: 2" Tenon Mount
- ❖ 304 Stainless Steel Power Station
  - 300W 14.2V 21.1 Ahr Rechargeable Battery (Replaceable)
  - Solar Controller Driver
  - Timer with Photo Eye



## Specification

- ❖ Solar Power Supply with 300W Battery
- ❖ 2000 Charge Cycles or 5 years
- ❖ Operation Temp. Range -4°F to 140°F
- ❖ 3 Year System Warranty

- Low Voltage Applications**
- Landscape Lighting
  - Security Camera/Alarm
  - Security Gate
  - Electric Fence
  - Roadway Signage (DOT)
  - Construction Area Lighting
  - Roadway Area Lighting
  - Irrigation Controller
  - Auto Livestock Feeder
  - Emergency Power

**LOAD CAPACITY – HOURS OF OPERATION**

*Based upon fully charged battery. Hours of operation will vary if battery is not fully charged. Recommended NOT to use full charge capacity daily to ensure operation after cloudy or cold weather days.*

|              |    |    |    |    |     |     |
|--------------|----|----|----|----|-----|-----|
| LOAD (WATTS) | 28 | 35 | 47 | 71 | 143 | 285 |
| HOURS        | 10 | 8  | 6  | 4  | 2   | 1   |

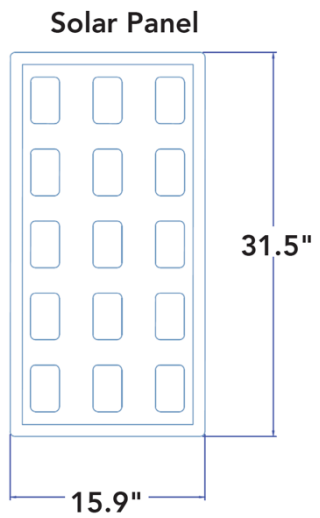
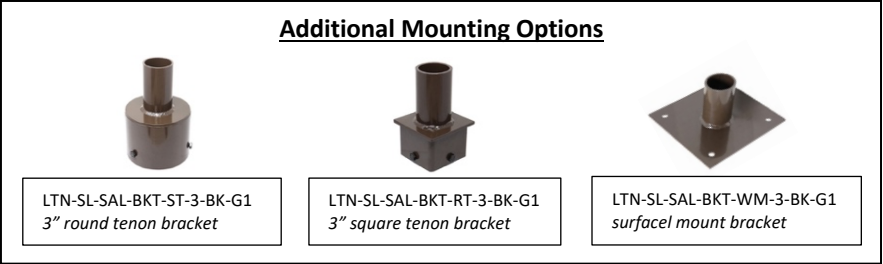
## Timer Operation

- ❖ ON/OFF
- ❖ Auto (full Dusk to Dawn)
- ❖ Dusk to 2/4/6/8 hours

## Operation Voltage

- ❖ Fully charged – 14.2 VDC
- ❖ Dropout – 11.8V VDC

### Additional Mounting Options



| PART NUMBER  | UPC          | BRACKET TYPE                        |
|--------------|--------------|-------------------------------------|
| LTN1-300RUPS | 850016499806 | Expandable, Pole/Wall/Rooftop Mount |
| LTN2-300RUPS | 850041316635 | Pole Top Tenon Mount                |



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## Included

### LTN1-300RUPS

- ❖ (2) 50W Solar Panels
- ❖ (1) Expandable Heavy-Duty Bracket
- ❖ (1) Stainless Steel Power Station
- ❖ (1) 10' Cable for Panel/Power Station
- ❖ (1) Y-Shaped Extension Cable for 2<sup>nd</sup> Panel

### LTN2-300RUPS

- ❖ (1) 50W Solar Panel
- ❖ (1) Tenon Mount for 2" Round Pole
- ❖ (1) Stainless Steel Power Station
- ❖ (1) 10' Cable for Panel/Power Station

LTN1-300RUPS



LTN2-300RUPS

