



Lighting Power Ready shown with front cover removed

## SunWize

### Lighting Power Ready (LPR) – Solar-Powered 12Vdc Power Supply for Lighting Applications

Versatile 12Vdc systems are plug and play. Base models include vandal-resistant, non-glass, urethane encapsulated solar module, sealed 12V gel battery, solid-state charge controller with fuse and low battery protection. Aluminum enclosure and solar mount brackets are universal for wall or pole mounting.

Four sizes of matched 12Vdc power supply systems are offered pre-assembled and include a choice of several options. Base models intended for user-remote on/off switch for general purpose lighting when needed. Combine with SunWize 12Vdc lighting fixtures such as fluorescent floodlights or decorative LED landscape lights for on-demand purposes.

Determine proper model based on location sun hours for year-round dusk to dawn or timed lighting depending on intended light fixture current draw and run time. Recommend that the usable solar amp-hours per day (AH/D) to be 30% larger than expected load.

For example: 12VDC light is 1.0 amp and run time is 2 hours/night, total load is 2.0 amp hours, solar ready power supply must deliver minimum 2.60 amp hours. Use the SunWize insolation map on back cover for location sun hour reference.



SunWize LPR18-19

Model	Solar Watts	Solar Charging Amps (Imp)	Battery Capacity Amp Hours C/20	Solar Amp Hours/Day (ah/d)				Weight (lbs)	MSRP
				*Sun Hrs: 2.0	3.0	4.0	5.0		
LPR6-7	6	0.30	7	0.6	0.9	1.2	1.5	13	\$439.00
LPR12-12	12	0.60	12	1.2	1.8	2.4	3.0	17	\$549.00
LPR18-19	18	0.91	19	1.8	2.7	3.6	4.5	22	\$639.00
LPR24-26	24	1.20	26	2.4	3.6	4.8	6.0	27	\$789.00



Lighting Power Ready with installed solid-state dusk to dawn sensor

### LPR-Lighting Control Options-Installed

Order your choice of one installed lighting control option with any base model. Choose either a dusk to dawn sensor, a self-resetting PIR motion-sensing activated timer (6 seconds to 12 minutes), or a dusk activated run timer selectable from 2-10 hours. For extra security, order vandal-resistant hardware installed for solar mount and battery box.

Model	Description	MSRP
LPR-DD3	Automatic dusk to dawn operation. 3 amp load max. (for LED only)	\$89.00
LPR-PIR	Automatic motion detection operation. 10 amp load max.	\$115.00
LPR-TMR	Automatic on at dusk and operate 2-10 hrs. Adjustable. 10 amp load max.	\$135.00
LPR-TP	Vandal-resistant hardware.	\$55.00