

**10 to 1200 Watt Solar**

**12 or 24 Volt**

**20 to 1200 Amp-hr**

SunWize Power and Battery has developed the **Power Ready Express** line to provide standard system configurations through use of our pre-wired control panels. We are able to stock the standard control panels to reduce lead time, reduce custom engineering and provide you a robust system with reliable components for a long lived system.

The SunWize Power Ready Express (PRE) product control panels use quality components and are built using superior craftsmanship and attention to detail. We have developed a wide range of systems to cover most of the standard applications for remote power systems from 10 to 1200 Watts of solar array. Converter, inverter, and other accessory side panels are available to allow the Power Ready Express systems to serve a wide range of applications.



Control Panel Example. PS-MPPT 25A Controller with Meter

### SYSTEM FEATURES:

- Operating temperature -30°C to +50°C
- Batteries rated for 500+ cycles at 80% DoD\*
- NEC compliant pre-wired control panel
- Installation manual and wiring diagram
- QC testing performed on all control panels
- Systems sized to IEEE 1562 specifications

Solar Modules	Class 1 Div 2 or Economy
12V or 24V Available	10W to 150W with Junction Box or up to 310W+ with cable output
Array Size	10W to 1200W
Sealed Battery	Premium Gel or AGM
Models	MK-DEKA*, Concorde*, Rolls*, UPG
Battery Capacity	20Ah to 1200Ah at C/100
Control Panels	Morningstar or Phocos
Controller Examples	SunSaver, ProStar, ProStar MPPT
Mounts	Side-of-Pole, Top-of-Pole, Skids
Pole Sizes	2" to 10" Sch. 40 Diameter
Side-of-Pole Mounts	110MPH Exposure C, ASCE 7.05
Enclosures (NEMA3R)	Aluminum Powder Coated
Enclosure Models	F-Series, C-Series, T-Series, M-Series
Features	Rainproof, Knockouts, Ventilation

Don't see exactly what you need?

Call us for a quote - **1-866-827-6527**

### SKID MOUNT- FEATURES:

- Quick and easy deployment
- Easy clean-up / removal
- Durable design supports T2X8D enclosures with modules at 45°



### POLE MOUNT- FEATURES:

- Single arm & double arm Side-of-Pole
- Top-of-Pole
- Simple & well proven design
- Fits most standard poles
- Supports up to 1200W array



# SunWize® Power & Battery

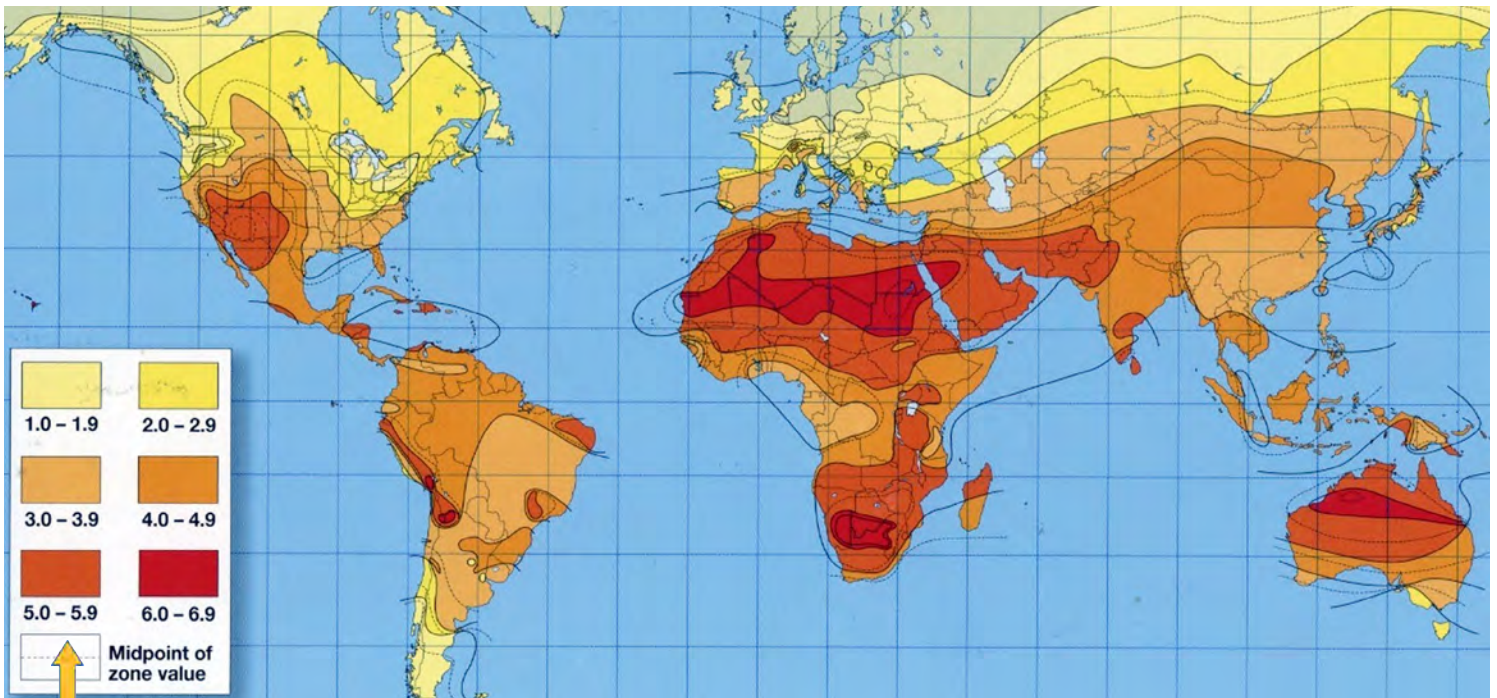
## 12V DC Power Ready Express

SIZE YOUR OWN  
SOLAR SYSTEM!



The insolation map, showing the peak daily sun hours for the worst case month, is used to design a system for your equipment location. The Power Ready Express line is built for reliable operation in the worst case weather conditions. Our systems are designed for a Loss of Load Probability (LOLP) of less than 0.1% for the worst month when installed properly per the load specifications for each insolation zone shown below.

If you need a system customized to your specifications, or have any questions, [call us for a quote at \(866\) 827-6527](tel:8668276527).



Use Solar Insolation Map to Find Monthly Peak Sun Hours Max 12V Load (Ah/day)

System #	12V System Specifier	Enclosure	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
270301	PRE-10-12-36-CPAA-101	C1-125	0.5	0.7	0.9	1.1	1.4	1.6	1.9	2.2	2.4	2.7	2.9
270302	PRE-20-12-36-CPAA-101	C1-125	0.9	1.4	1.8	2.3	2.7	3.2	3.8	4.2	4.7	5.3	5.9
270303	PRE-40-12-70-FPWA-101	F1/M1-31	1.7	2.5	3.4	4.3	5.0	5.9	6.9	7.6	8.7	9.7	10.8
270304	PRE-60-12-108-FPWA-101	F1/M1-31	2.6	3.9	5.1	6.4	7.5	8.9	10.4	11.4	13.1	14.7	16.2
270305	PRE-80-12-108-FPWA-101	F1/M1-31	3.3	5.0	6.7	8.4	9.8	11.5	13.6	15.0	17.1	19.2	21.2
270308	PRE-110-12-216-FPWA-101	F2/M1-8D	4.7	7.0	9.4	11.8	14.0	16.5	19.3	21.4	24.2	27.0	29.9
270310	PRE-150-12-216-FPWA-101	F2/M1-8D	6.4	9.5	12.6	15.8	18.0	21.5	25.4	28.0	31.8	36.3	40.1
270313	PRE-220-12-216-FPWA-101	F2/M1-8D	8.5	12.6	16.3	20.1	23.3	27.5	32.4	35.1	40.8	47.7	53.6
270314	PRE-300-12-216-FPWA-101	F2/M1-8D	9.9	14.7	18.9	23.2	25.9	31.3	37.1	39.9	46.6	53.0	60.5
270315	PRE-300-12-432-FPWA-101	F4/M2-8D	10.0	14.3	19.0	24.4	27.8	33.2	38.8	43.2	48.9	54.8	60.5
270316	PRE-300-12-530-TPWA-101	T-2x8D	12.7	19.1	25.4	31.8	38.2	44.5	50.9	57.2	63.6	70.0	76.3
270318	PRE-440-12-630-TPWA-101	T-2x8D	15.8	22.8	30.4	38.4	45.2	54.2	62.6	70.1	78.5	87.9	96.1
270319	PRE-600-12-795-TPWA-101	T-4x8D	19.5	29.2	39.0	48.8	58.5	68.3	78.0	87.8	97.5	107.2	117.0
270320	PRE-600-12-1060-TPWA-101	T-4x8D	26.0	36.0	46.7	60.2	65.4	79.9	97.5	106.1	122.3	137.2	155.4

Need pricing? - sign up for [dealer.sunwize.com](http://dealer.sunwize.com)!



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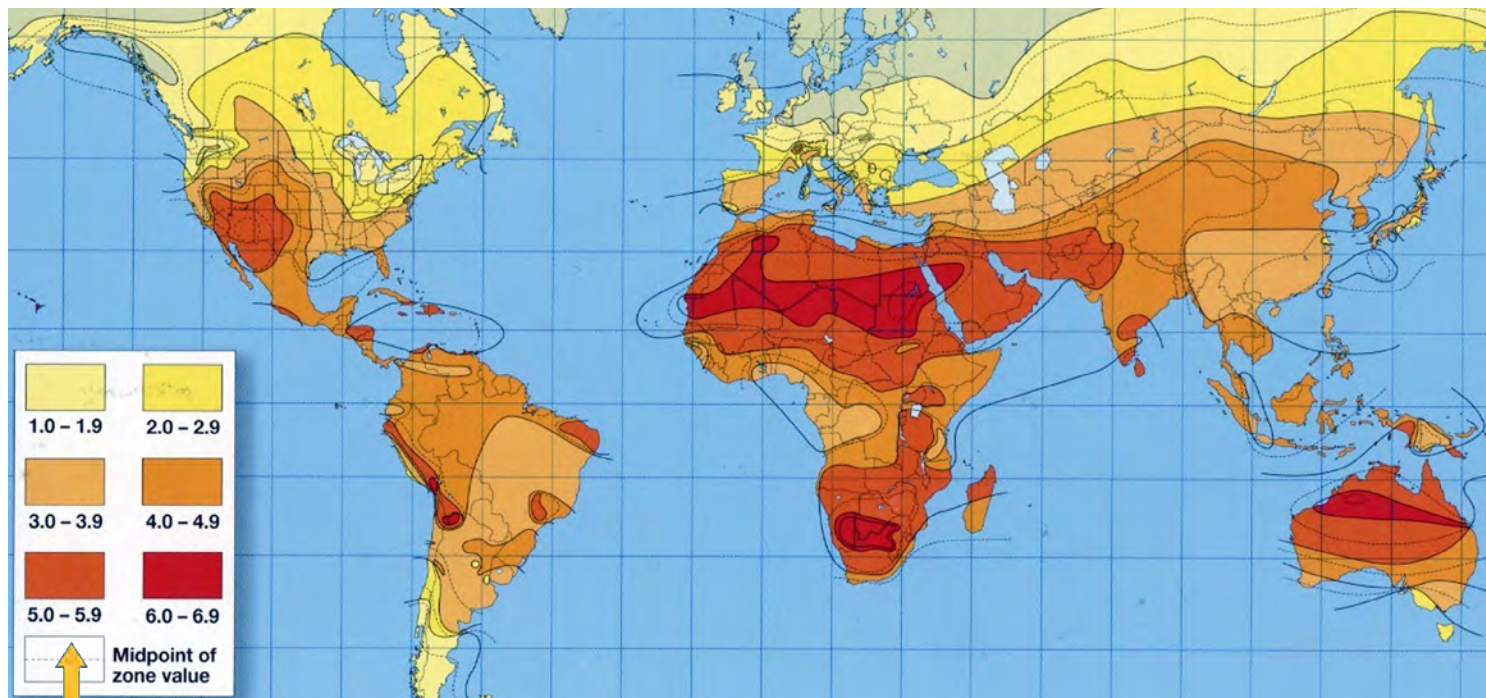
## 24V DC Power Ready Express

## SIZE YOUR OWN SOLAR SYSTEM!



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Use Solar Insolation Map to Find Monthly Peak Sun Hours Max 24V Load (Ah/day)

System #	24V System Specifier	Enclosure	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
270321	PRE-20-24-20-CPAA-101	C1-125	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5
270322	PRE-30-24-36-CPAA-101	C1-125	0.5	0.7	0.9	1.1	1.4	1.6	1.9	2.2	2.4	2.7	2.9
270323	PRE-45-24-36-CPAA-101	C1-125	0.9	1.4	1.8	2.3	2.7	3.2	3.8	4.2	4.7	5.3	5.9
270324	PRE-85-24-70-FPWA-101	F1/M1-31	1.7	2.5	3.4	4.3	5.0	5.9	6.9	7.6	8.7	9.7	10.8
270325	PRE-130-24-108-FPWA-101	F2/M1-8D	2.6	3.9	5.1	6.4	7.5	8.9	10.4	11.4	13.1	14.7	16.2
270326	PRE-160-24-108-FPWA-101	F2/M1-8D	3.3	5.0	6.7	8.4	9.8	11.5	13.6	15.0	17.1	19.2	21.2
270329	PRE-220-24-216-FPWA-101	F4/M2-8D	4.7	7.0	9.4	11.8	14.0	16.5	19.3	21.4	24.2	27.0	29.9
270332	PRE-1LFM-24-216-FPWA-101	F4/M2-8D	6.8	10.1	13.2	16.5	19.2	22.6	26.7	29.3	33.5	38.3	42.5
270346	PRE-2LFM-24-530-TPWA-101	T-4x8D	12.7	19.1	25.4	31.8	38.2	44.5	50.9	57.2	63.6	70.0	76.3
270338	PRE-760-24-630-TTWA-101	T-8x8D	14.5	21.0	27.9	35.4	41.5	49.7	57.5	64.3	72.0	80.6	88.2
270339	PRE-3LFM-24-630-TTWA-101	T-8x8D	15.8	22.8	30.4	38.4	45.2	54.2	62.6	70.1	78.5	87.9	96.1
270340	PRE-3LFM-24-795-TTWA-101	T-8x8D	19.5	29.2	39.0	48.8	58.5	68.3	78.0	87.8	97.5	107.2	117.0
270341	PRE-4LFM-24-1060-TTWA-101	T-8x8D	26.0	36.0	46.7	60.2	65.4	79.9	97.5	106.1	122.3	137.2	155.4

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