

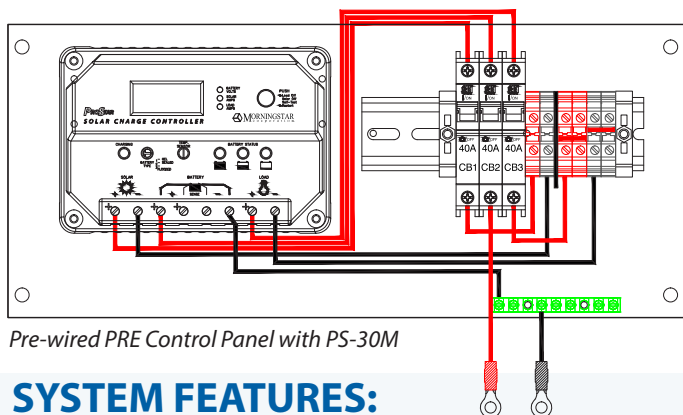
**5 to 1200 Watt Solar**

**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 5 to 1200 Watts of solar array. Systems that require larger solar arrays, converters, inverters or other custom configurations are still available through our standard Power Ready packages.



Pre-wired PRE Control Panel with PS-30M

## 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

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
- 24V modules available for special orders



12V Solar Modules	Class 1 Div 2 or Economy
Models Available	5W to 150W with Junction Box
Module Qty	1 to 8
Array Size	5W 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 PWM or MPPT
Controllers	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
Features	Rainproof, Knockouts, Ventilation



# SunWize® Power & Battery

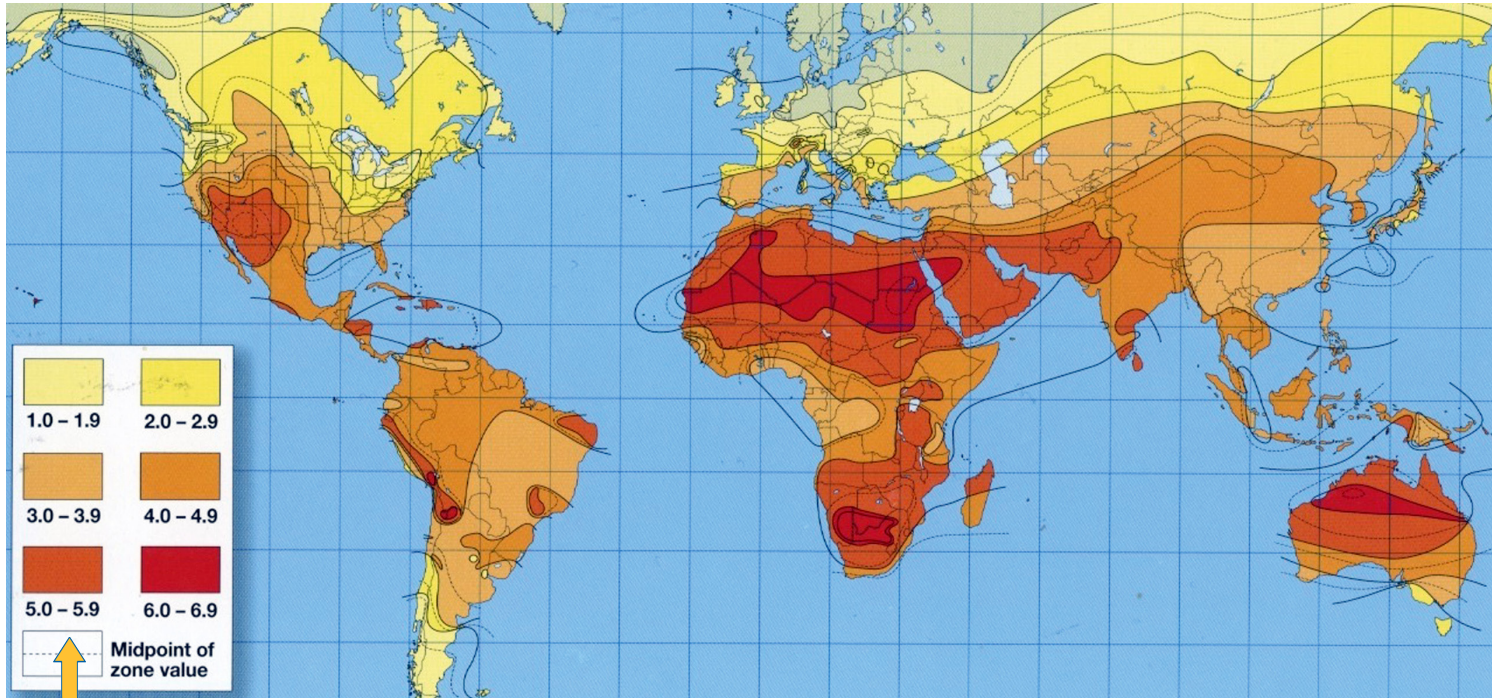
## 12V DC Power Ready Express

## 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
270300	PRE-5-12-20-EPAA-101	E1-38	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5
270301	PRE-10-12-36-EPAA-101	E1-38	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-EPAA-101	E1-38	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-EPAA-101	E1-63	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	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	3.3	5.0	6.7	8.4	9.8	11.5	13.6	15.0	17.1	19.2	21.2
270306	PRE-90-12-216-FPWA-101	F2	3.7	5.6	7.4	9.4	11.3	13.2	15.5	17.2	19.4	21.4	23.6
270307	PRE-100-12-216-FPWA-101	F2	4.2	6.3	8.4	10.6	12.6	14.9	17.4	19.4	21.8	24.2	26.7
270308	PRE-110-12-216-FPWA-101	F2	4.7	7.0	9.4	11.8	14.0	16.5	19.3	21.4	24.2	27.0	29.9
270309	PRE-120-12-216-FPWA-101	F2	5.0	7.4	9.9	12.4	14.6	17.3	20.2	22.5	25.4	28.4	31.5
270310	PRE-150-12-216-FPWA-101	F2	6.4	9.5	12.6	15.8	18.0	21.5	25.4	28.0	31.8	36.3	40.1
270311	PRE-160-12-216-FPWA-101	F2	6.8	10.1	13.2	16.5	19.2	22.6	26.7	29.3	33.5	38.3	42.5
270312	PRE-180-12-216-FPWA-101	F2	7.5	11.3	14.6	18.0	21.6	24.8	29.3	31.9	36.8	42.5	47.3
270313	PRE-200-12-216-FPWA-101	F2	8.5	12.6	16.3	20.1	23.3	27.5	32.4	35.1	40.8	47.7	53.6
270314	PRE-240-12-216-FPWA-101	F2	9.9	14.7	18.9	23.2	25.9	31.3	37.1	39.9	46.6	53.0	60.5
270315	PRE-240-12-432-FPWA-101	F4	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	2x8D	12.7	19.1	25.4	31.8	38.2	44.5	50.9	57.2	63.6	70.0	76.3
270317	PRE-360-12-630-TPWA-101	2x8D	14.5	21.0	27.9	35.4	41.5	49.7	57.5	64.3	72.0	80.6	88.2
270318	PRE-400-12-630-TPWA-101	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-480-12-795-TPWA-101	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	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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# SunWize® Power & Battery

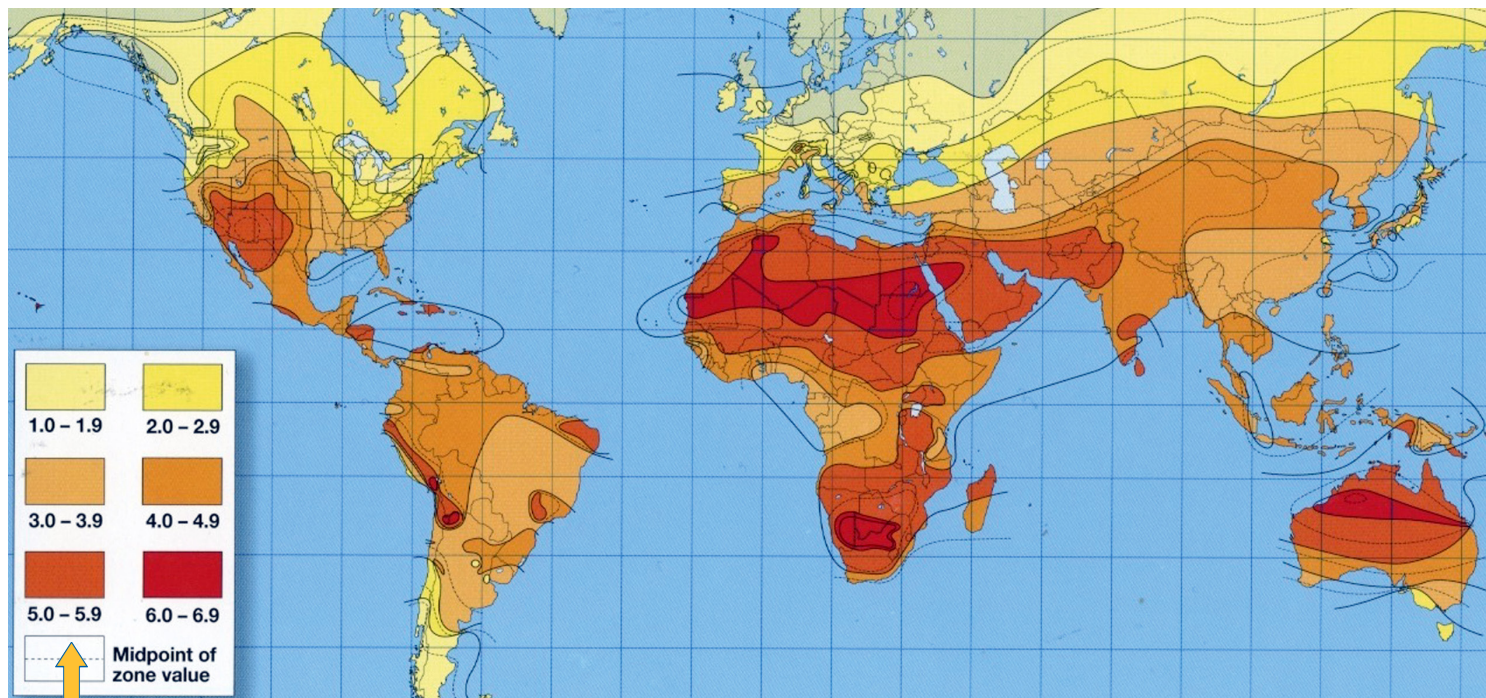
## 24V DC Power Ready Express

## SIZE YOUR OWN SOLAR SYSTEM!



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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 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-10-24-20-EPAA-101	E1-63	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5
270322	PRE-20-24-36-EPAA-101	E1-63	0.5	0.7	0.9	1.1	1.4	1.6	1.9	2.2	2.4	2.7	2.9
270323	PRE-40-24-36-EPAA-101	E1-63	0.9	1.4	1.8	2.3	2.7	3.2	3.8	4.2	4.7	5.3	5.9
270324	PRE-80-24-70-FPWA-101	F1	1.7	2.5	3.4	4.3	5.0	5.9	6.9	7.6	8.7	9.7	10.8
270325	PRE-120-24-108-FPWA-101	F2	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	3.3	5.0	6.7	8.4	9.8	11.5	13.6	15.0	17.1	19.2	21.2
270327	PRE-180-24-216-FPWA-101	F4	3.7	5.6	7.4	9.4	11.3	13.2	15.5	17.2	19.4	21.4	23.6
270328	PRE-200-24-216-FPWA-101	F4	4.2	6.3	8.4	10.6	12.6	14.9	17.4	19.4	21.8	24.2	26.7
270329	PRE-220-24-216-FPWA-101	F4	4.7	7.0	9.4	11.8	14.0	16.5	19.3	21.4	24.2	27.0	29.9
270330	PRE-240-24-216-FPWA-101	F4	5.0	7.4	9.9	12.4	14.6	17.3	20.2	22.5	25.4	28.4	31.5
270331	PRE-300-24-216-FPWA-101	F4	6.4	9.5	12.6	15.8	18.0	21.5	25.4	28.0	31.8	36.3	40.1
270332	PRE-320-24-216-FPWA-101	F4	6.8	10.1	13.2	16.5	19.2	22.6	26.7	29.3	33.5	38.3	42.5
270333	PRE-360-24-216-FPWA-101	F4	7.5	11.3	14.6	18.0	21.6	24.8	29.3	31.9	36.8	42.5	47.3
270334	PRE-400-24-216-FPWA-101	F4	8.5	12.6	16.3	20.1	23.3	27.5	32.4	35.1	40.8	47.7	53.6
270335	PRE-480-24-216-FPWA-101	F4	9.9	14.7	18.9	23.2	25.9	31.3	37.1	39.9	46.6	53.0	60.5
270336	PRE-480-24-420-TPWA-101	4x4D	10.0	14.3	19.0	24.4	27.8	33.2	38.8	43.2	48.9	54.8	60.5
270337	PRE-600-24-530-TPWA-101	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	6x4D	14.5	21.0	27.9	35.4	41.5	49.7	57.5	64.3	72.0	80.6	88.2
270339	PRE-960-24-630-TTWA-101	6x4D	15.8	22.8	30.4	38.4	45.2	54.2	62.6	70.1	78.5	87.9	96.1
270340	PRE-960-24-795-TTWA-101	6x8D	19.5	29.2	39.0	48.8	58.5	68.3	78.0	87.8	97.5	107.2	117.0
270341	PRE-1280-24-1060-TTWA-101	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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