

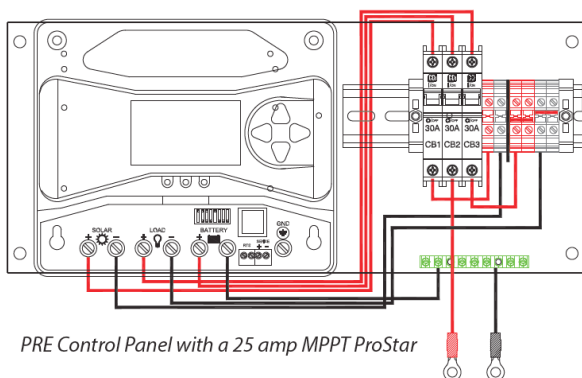
5 to 1200 Watt Solar

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. Converter, inverter, and other accessory side panels are available to allow the Power Ready Express systems to serve a wide range of applications.



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	5W to 150W with Junction Box or up to 315W with cable output
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

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

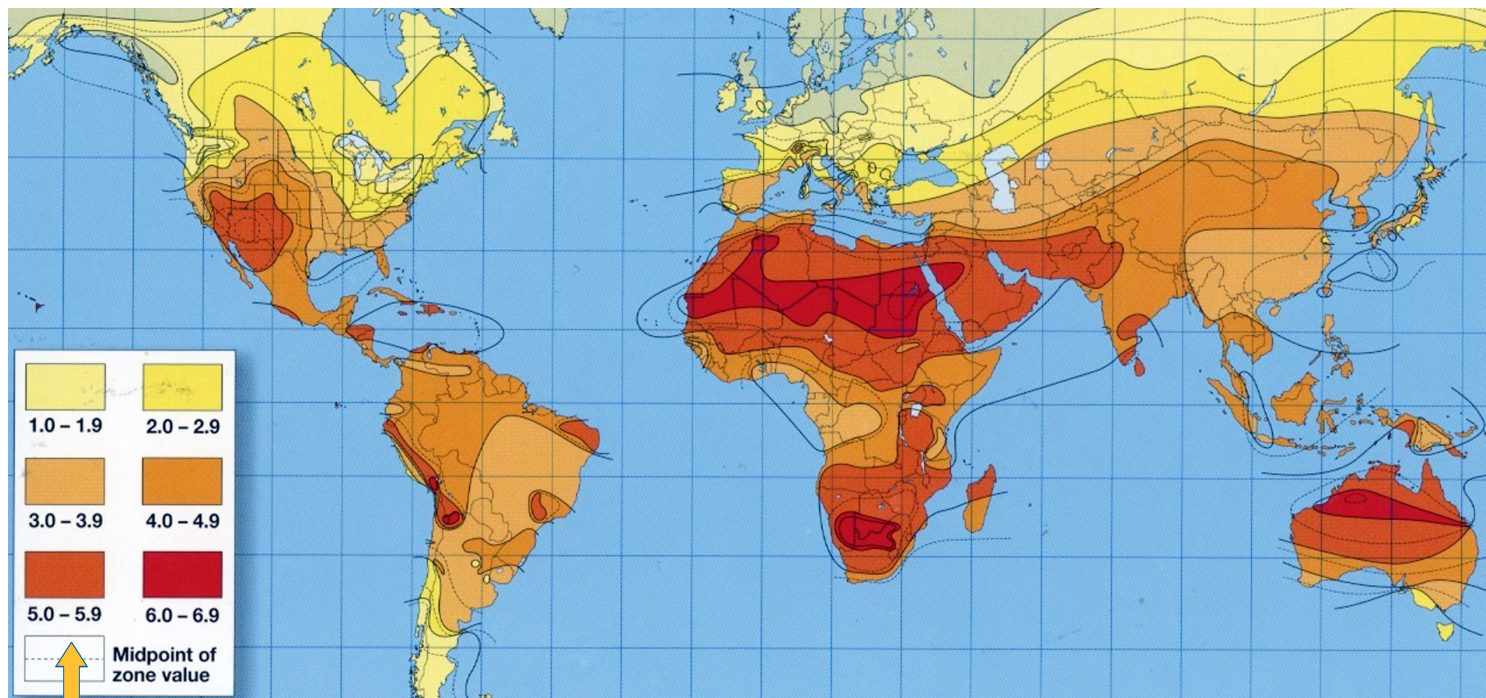
12V DC Power Ready Express

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-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
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
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
270313	PRE-220-12-216-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-300-12-216-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-300-12-432-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
270318	PRE-440-12-630-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-600-12-795-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!



MK-DEKA
Headquarters
 1337 Main Street
 Philomath, OR 97370
 (866) 827-6527
info@sunwizepower.com



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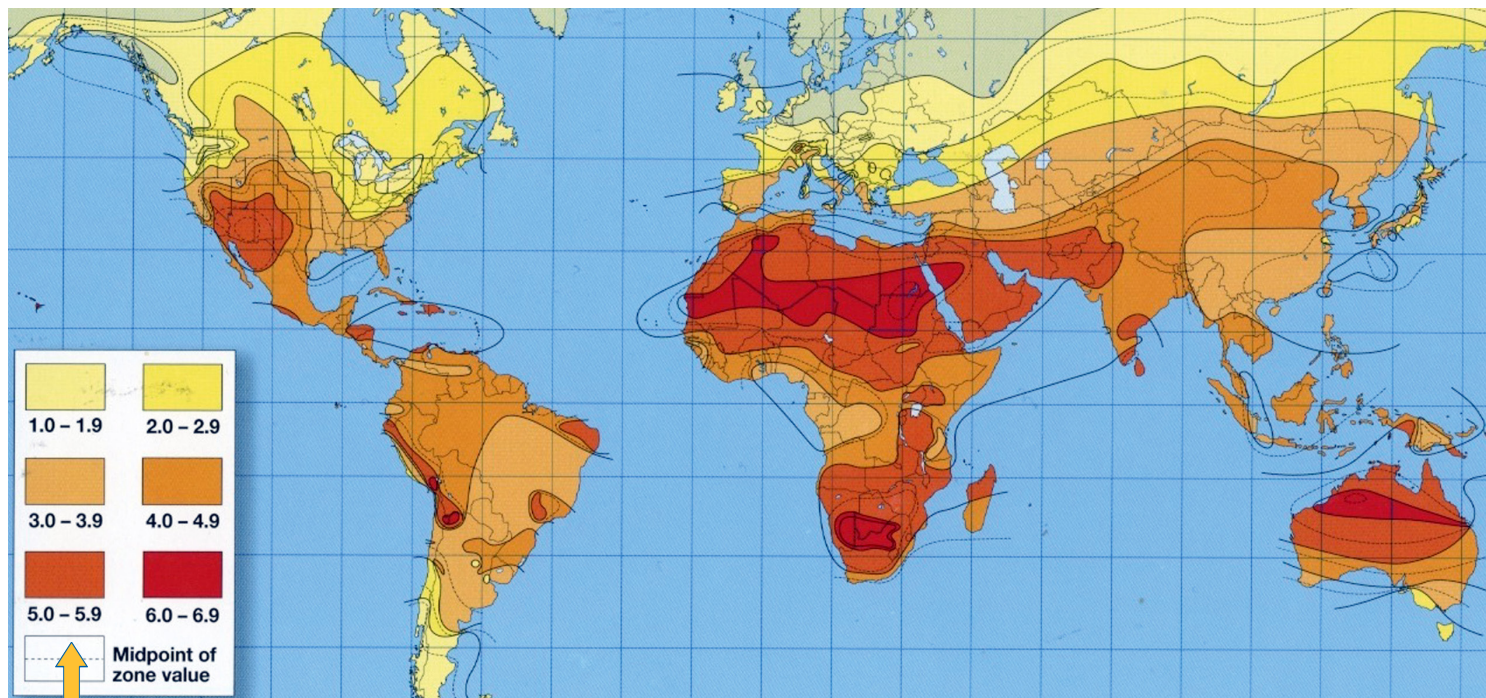
24V DC Power Ready Express

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 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-30-24-36-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-45-24-36-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-85-24-70-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-200-24-216-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
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
270332	PRE-315-24-216-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
270337	PRE-630-24-530-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-945-24-630-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-945-24-795-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-1260-24-1060-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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