

4A to 80A Charging

12 or 24 Volt

108 to 3,328 Amp-hr

SunWize Power and Battery has developed the **Power Online Ready (POR)** line to provide standard battery backup 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 battery backup system with reliable components for a long lived system.

The SunWize Power Online Ready (POR) 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 battery backup systems from 108Ah to over 3,000Ah. Converter, inverter, and other accessory side panels are available to allow the Power Ready Express systems to serve a wide range of applications.



**CHEST STYLE
FEATURES:**

- T-Series are Top-Opening
- Quick and easy deployment
- Fits up to 1,664Ah



Don't see exactly what you need?
Call us for a quote - **1-866-827-6527**

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 NEC & IEEE specifications

**UPS STYLE
FEATURES:**

- Extra Space for Power Electronics
- Modular Design
- Fits up to 1,664Ah



**POLE MOUNT-
FEATURES:**

- F/M Series Enclosures are Front-Opening style and affix to any 2"-10" Sch. 40 Pole
- Simple & well proven design
- Fits most standard poles
- Supports up to 504Ah Battery Bank



Sealed Battery	Premium Gel or AGM
Models	MK-DEKA*, Concorde*, Rolls*, UPG
Battery Capacity	108Ah to 3,328Ah at C/100
Chargers	Cotek, EnerGenius, Meanwell
Rating	4A to 80A
Communication	RS-232
Remote Controller	Optional
Temp. Compensation	Yes
Chemistries	Gel, AGM, Li-Ion
Enclosures (NEMA3R)	Aluminum Powder Coated
Enclosure Models	F-Series, T-Series, M-Series, UPS
Features	Rainproof, Knockouts, Ventilation

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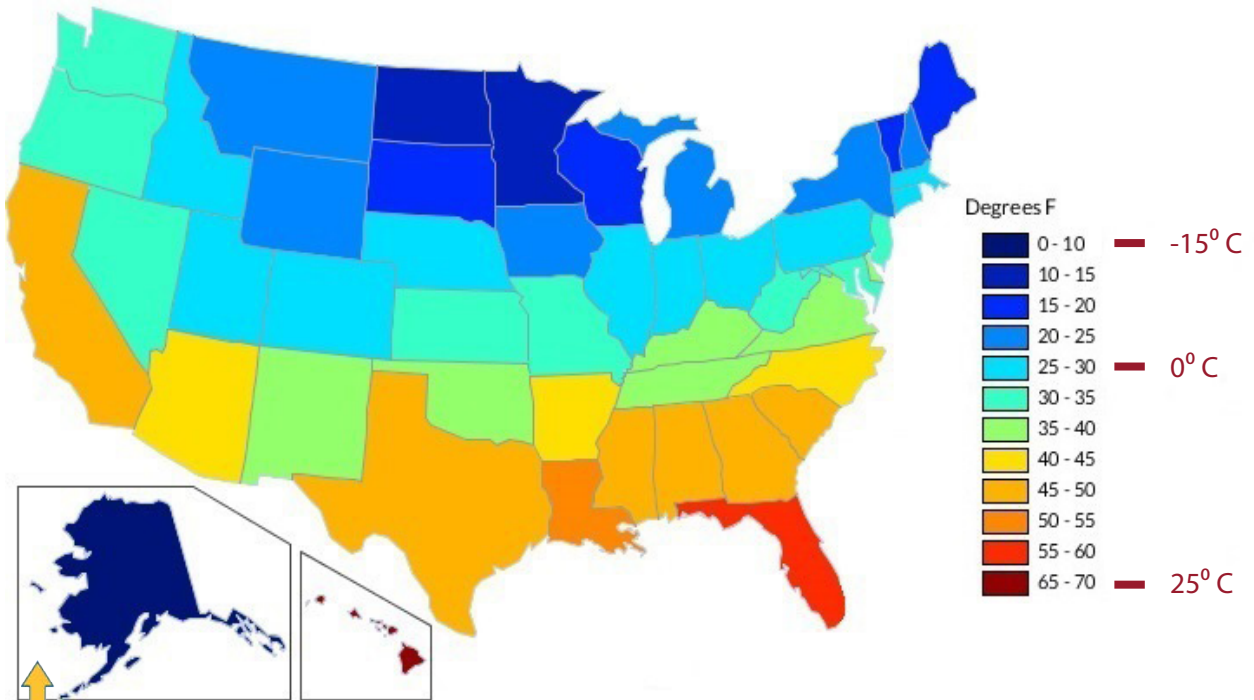
Headquarters
30893 Ehlen Dr Sw
Albany, OR 97321
(866) 827-6527



12V DC Power Online Ready BATTERY BACKUP SYSTEM!

Battery backup systems provide backup power in the event that your primary power source fails. Popular for critical loads being powered by the grid or generators, battery backup systems provide you peace of mind knowing that your devices will not turn off when the primary power source fails. Typically designed for between 1 and 5 days of autonomy (period of time it will run the load with no outside power source), our POR systems come in a variety of sizes to meet nearly any load requirements between 50 and 1,600 Ah/day! Find your site temperature and choose your autonomy!

Winter State Temperature Averages



Use Winter Map to Find Average Site Temperature → Max 12V Load (Ah/day)

12V POR Systems			Temperature: -15°C			Temperature: 0°C			Temperature: 25°C		
Days of Battery Backup For Load -->			1 Day Backup	3 Day Backup	5 Day Backup	1 Day Backup	3 Day Backup	5 Day Backup	1 Day Backup	3 Day Backup	5 Day Backup
System #	Charging (A)	Enclosure Dimensions H x W x D	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)
200302	15	21 x 16 x 15	51.5	17.9	11.2	67.3	23.5	14.7	79.2	27.6	17.3
200304	15	21 x 16 x 15	103.0	35.9	22.5	134.6	46.9	29.4	158.4	55.2	34.6
200305	25	32 x 16 x 15	205.9	71.8	44.9	269.3	93.8	58.8	316.8	110.4	69.1
200306	35	18 x 32 x 24	234.0	84.9	55.1	306.0	111.1	72.1	360.0	130.7	84.8
200308	50	48 x 24 x 21	285.5	102.2	65.5	373.3	133.6	85.7	439.2	157.2	100.8
200309	50	48 x 24 x 21	351.0	127.4	82.7	459.0	166.6	108.1	540.0	196.0	127.2
200310	80	48 x 48 x 18	468.0	169.9	110.2	612.0	222.1	144.2	720.0	261.3	169.6
200311	80	48 x 48 x 18	790.4	275.9	173.1	1033.6	360.9	226.3	1216.0	424.5	266.2
200312	80	68 x 36 x 25	1053.9	551.9	346.1	1378.1	721.7	452.6	1621.3	849.1	532.5

Need pricing? - visit sunwize.com/shop

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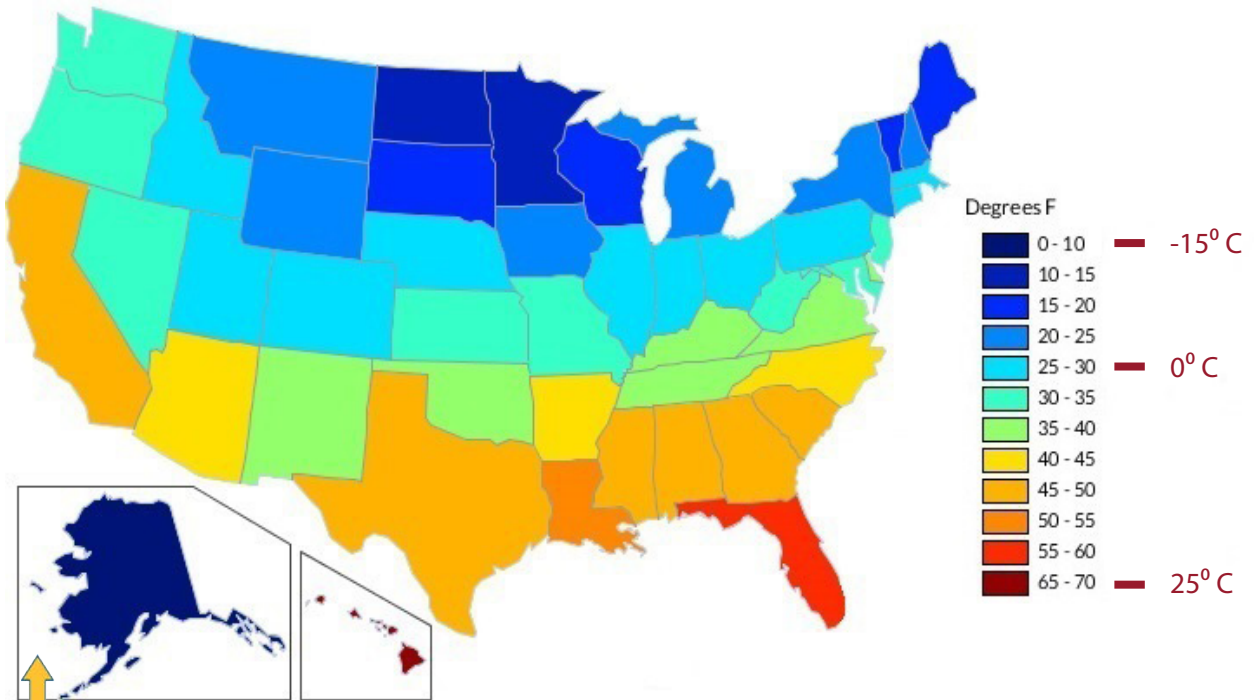
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24V DC Power Online Ready BATTERY BACKUP SYSTEM!

Battery backup systems provide backup power in the event that your primary power source fails. Popular for critical loads being powered by the grid or generators, battery backup systems provide you peace of mind knowing that your devices will not turn off when the primary power source fails. Typically designed for between 1 and 5 days of autonomy (period of time it will run the load with no outside power source), our POR systems come in a variety of sizes to meet nearly any load requirements between 50 and 1,200 Ah/day! Find your site temperature and choose your autonomy!

Winter State Temperature Averages



Use Winter Map to Find Average Site Temperature → Max 12V Load (Ah/day) ←

24V POR Systems			Temperature: -15°C			Temperature: 0°C			Temperature: 25°C		
Days of Battery Backup For Load -->			1 Day Backup	3 Day Backup	5 Day Backup	1 Day Backup	3 Day Backup	5 Day Backup	1 Day Backup	3 Day Backup	5 Day Backup
System #	Charging (A)	Enclosure Dimensions H x W x D	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)	Max Load (Ah/day)
200314	4	21 x 16 x 9	51.5	17.9	11.2	67.3	23.5	14.7	79.2	27.6	17.3
200315	15	21 x 16 x 9	103.0	35.9	22.5	134.6	46.9	29.4	158.4	55.2	34.6
200316	15	21 x 16 x 15	117.0	42.5	27.6	153.0	55.5	36.0	180.0	65.3	42.4
200318	15	21 x 16 x 15	190.3	68.1	43.7	248.9	89.1	57.1	292.8	104.8	67.2
200319	25	32 x 16 x 15	234.0	84.9	55.1	306.0	111.1	72.1	360.0	130.7	84.8
200320	25	18 x 32 x 24	285.5	102.2	65.5	373.3	133.6	85.7	439.2	157.2	100.8
200321	40	47 x 16 x 15	380.6	136.2	87.4	497.8	178.2	114.2	585.6	209.6	134.4
200323	40	48 x 24 x 21	468.0	169.9	110.2	612.0	222.1	144.2	720.0	261.3	169.6
200324	80	48 x 48 x 18	592.8	207.0	129.8	775.2	270.6	169.7	912.0	318.4	199.7
200325	80	48 x 48 x 18	790.4	275.9	173.1	1033.6	360.9	226.3	1216.0	424.5	266.2

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