

RESILIENT REMOTE POWER, MADE QUICK & EASY

SunWize Power Ready Express (P.R.E.) systems combine the benefits of a custom-designed system and the convenience of a ready-to-ship pre-designed product that comes with everything you need to power an off grid load

This system utilizes the Phocos ECO-N-20T charge controller. The Phocos' ECO-N-T is a cost effective solution for many challenging solar applications. The ECO-N-T features UL certifications and is designed to perform in a variety of harsh environments.

Benefits of purchasing a P.R.E. system include, easy-to-follow installation documentation, technical support, and a minimum 1-year manufacture warranty on the major component in the system.

To see if **270310** is the right system for you, check out the system sizing map on the next page of this document, or visit our website and use our [P.R.E. system sizing tool](#).



INCLUDES:

- 1 Solar Module ~160W
- Sunwize One Module Side of Pole Mount
- Phocos ECO-N-20-T Control Panel
- SunWize M2-31 Enclosure
- 2 Group 31 Batteries

DOES NOT INCLUDE:

- 4-10 Inch 8-15 Foot Tall Pole Mounted in the ground
- Additional Wire for Connection Your Load
- Ground Rod

BATTERIES

Ah Capacity	~216 Ah
Voltage	12VDC

MODULES

Rated Power	~160W
VOC Open Circuit Voltage	~22.46VDC
ISC Short Circuit Current	~6.28A

CONTROL PANEL

Charge Controller	Phocos ECO-N-20-T
Max Battery & Load Current	20A

*Batteries and Modules are subject to change with out notice due to avail ability



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(866) 827-6527



SunWize

V3.0

System Sizing Map

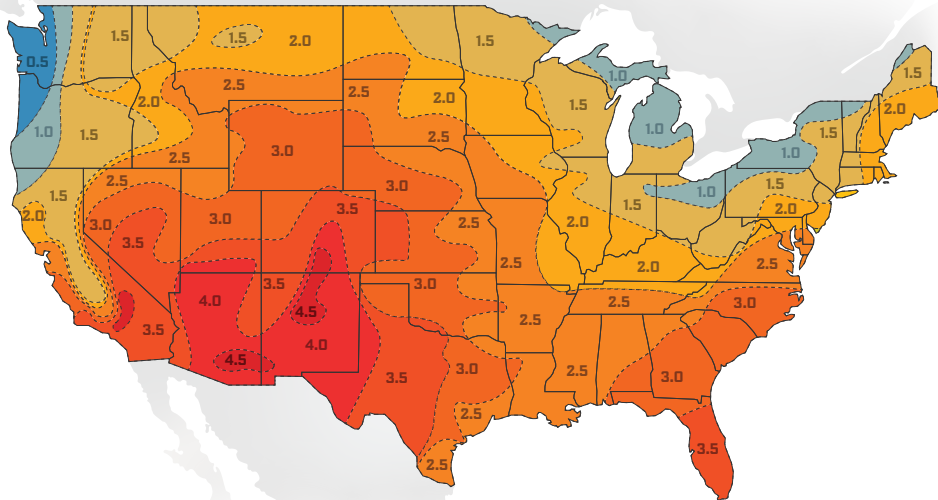
Use this map to help decide if this is the correct system for your needs.

The numbers on the **map** are the peak winter sun hours.

The numbers on the **table** are the MAX ah per day that the system can supply, before the system will be unable to recharge its self.

If you would like a site specific sizing, or you live outside of the continental united states, Contact our sales team.

If this system is not the one that you need, [view our other P.R.E. System options.](#)



SYSTEM

270310

1.0

4.8
Ah/day @ 12VDC

1.5

7.0
Ah/day @ 12VDC

2.0

9.5
Ah/day @ 12VDC

2.5

12.0
Ah/day @ 12VDC

3.0

14.5
Ah/day @ 12VDC

3.5

17.0
Ah/day @ 12VDC

4.0

19.5
Ah/day @ 12VDC

4.5

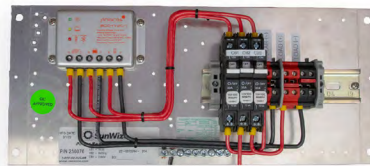
21.5
Ah/day @ 12VDC

Included With 270310



Side of Pole Mount: 240044

LEARN MORE



Control Panel: 230076

LEARN MORE



Enclosure: 260008

LEARN MORE



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