

Your renewable energy solution

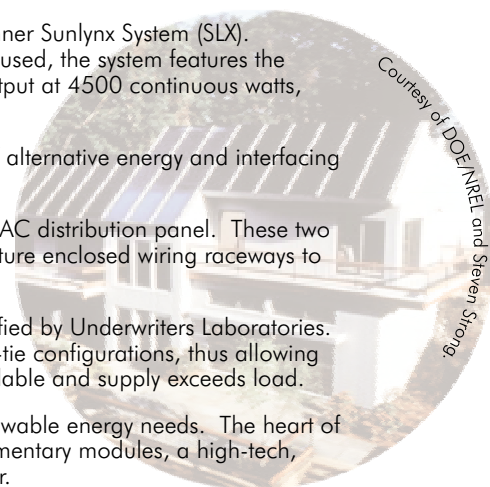
Introducing the “total package” in renewable energy inverter power systems - the Vanner Sunlynx System (SLX). Designed specifically for renewable energy applications where no batteries are to be used, the system features the RE48-4500 - a single pure sine-wave inverter producing 120/240Vac split-phase output at 4500 continuous watts, eliminating the need for dual inverters.

The SLM acts as a “synthetic battery” - storing short term energy, assisting sources of alternative energy and interfacing the inverter seamlessly.

Optional modules include the RE-DCM, a DC distribution box, and the RE-ACM, an AC distribution panel. These two modules are designed to mate directly to the inverter in any combination, and all feature enclosed wiring raceways to provide a clean installation with a minimum of external conduit.

The RE48-4500 meets the rigorous UL 1741 requirements and is independently certified by Underwriters Laboratories. Unlike other systems, the inverter “engine” can be used in both grid tie and non-grid-tie configurations, thus allowing consumers to “sell back power to the utility” when a renewable energy source is available and supply exceeds load.

Using “state-of-the-art” DSP technology, Vanner offers a flexible solution to your renewable energy needs. The heart of the system is the powerful RE-4500 “engine”. By adding the ACM and DCM supplementary modules, a high-tech, reliable and robust power solution is now within the affordable reach of the consumer.



Features

- Flexible system architecture
- Easy installation
- Affordable solution
- “Ruggedized” for high reliability
- Grid-tie or non grid-tie applications
- Compact and clean product
- State-of-the-art DSP technology
- Optimized for use in renewable energy applications
- Split-phase 120/240 Volt output
- Upgradable to a battery-based system with minimum addition of components

Core Inverter Engines - UL 1741 Listed

RE48-4500 48V 4500W inverter - cross refer with inverter data sheet

Sunlynx Interface Module (SLM) - UL 1741 Listed

RE48-SLM cross refer with SLM data sheet

SLM Options

A - AC input MCB + surge arrestor (not required if ordering ACM module below)

C - Combiner board (not required if ordering DCM module below)

D - DC surge arrestor (not required if ordering DCM module below)

G - DC input circuit breaker with ground fault interrupt (not required if ordering DC module below)

Supplementary Optional Modules

RE-DCM DC voltage integration module - cross refer with DCM data sheet

RE-ACM AC voltage integration module - cross refer with ACM data sheet

Optional Accessories

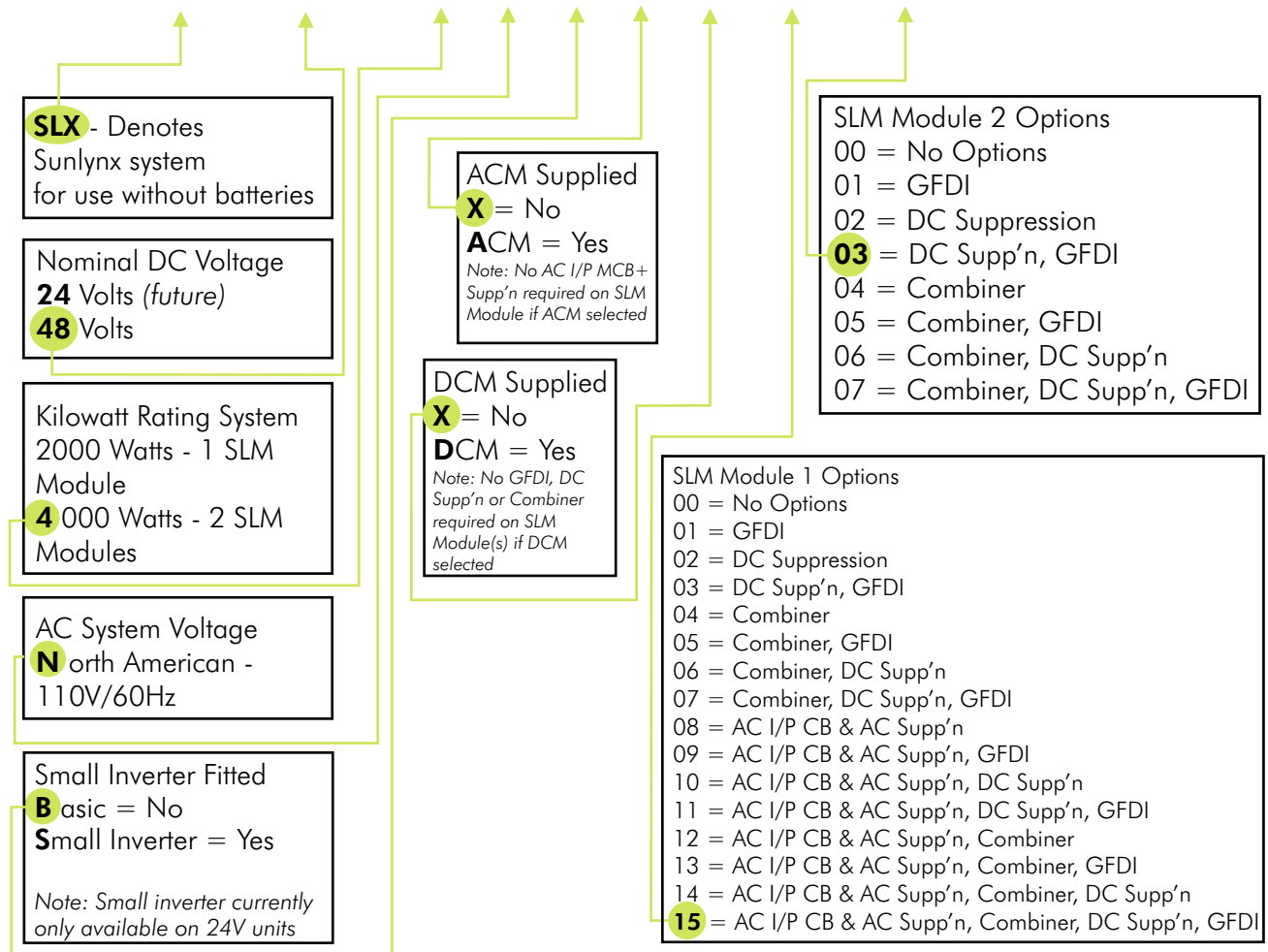
RE-MAN Printed version of the EPP manual (manual supplied on CD as standard)

RE-ICC Remote system monitor and controller



Vanner Sunlynx System Configuration Chart

SLX 48 - 4 N B X X 15/03



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