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Clean power for all

SUNGROW POWER SUPPLY CO., LTD.

iSolarCloud Overview Training

Presenter – Jeet Singh Sethi

Disclaimer

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.
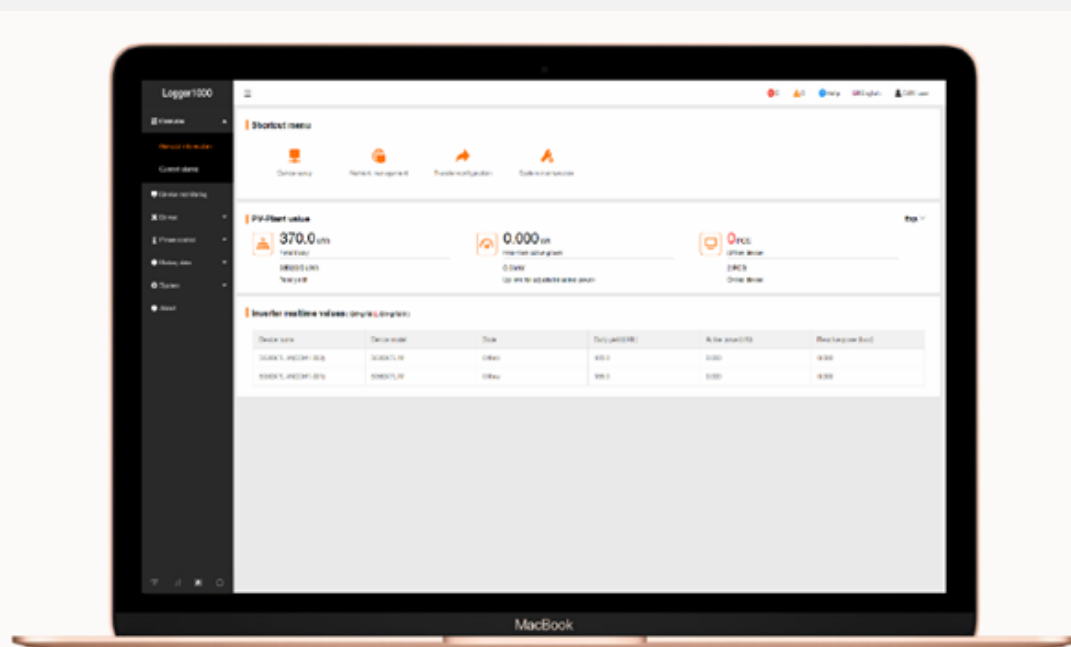
iSolarCloud - Introduction

- iSolarCloud was introduced in 2019 to replace the older Solarinfo Bank, and to replace multiple Apps with one App.
- It is a web / app based datalogging and reporting system, developed by Sungrow that gives owner access to their systems production.
- It has been designed to be utilised as a tool for retailers and installers to be able to manage their customer's PV systems more effectively.
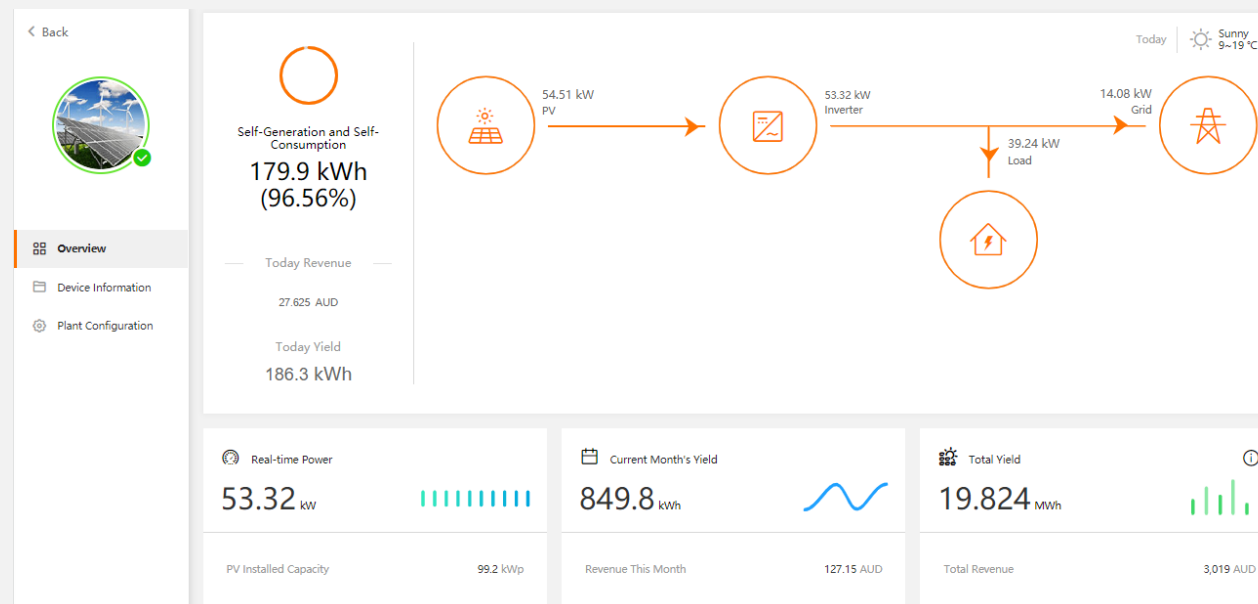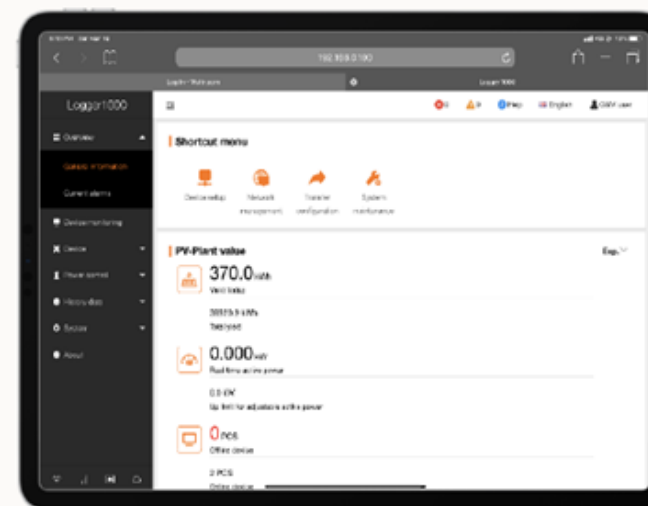
iSolarCloud available on desktop, tablet or smart phone

- Desktop - www.isolarcloud.com
- Tablet or Smart Phone – Via the APP

PC

iPad

Smart Phone

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Hierarchy of design allows retailers and installers to manage plants

HQ

Country/Region

Installer

End User
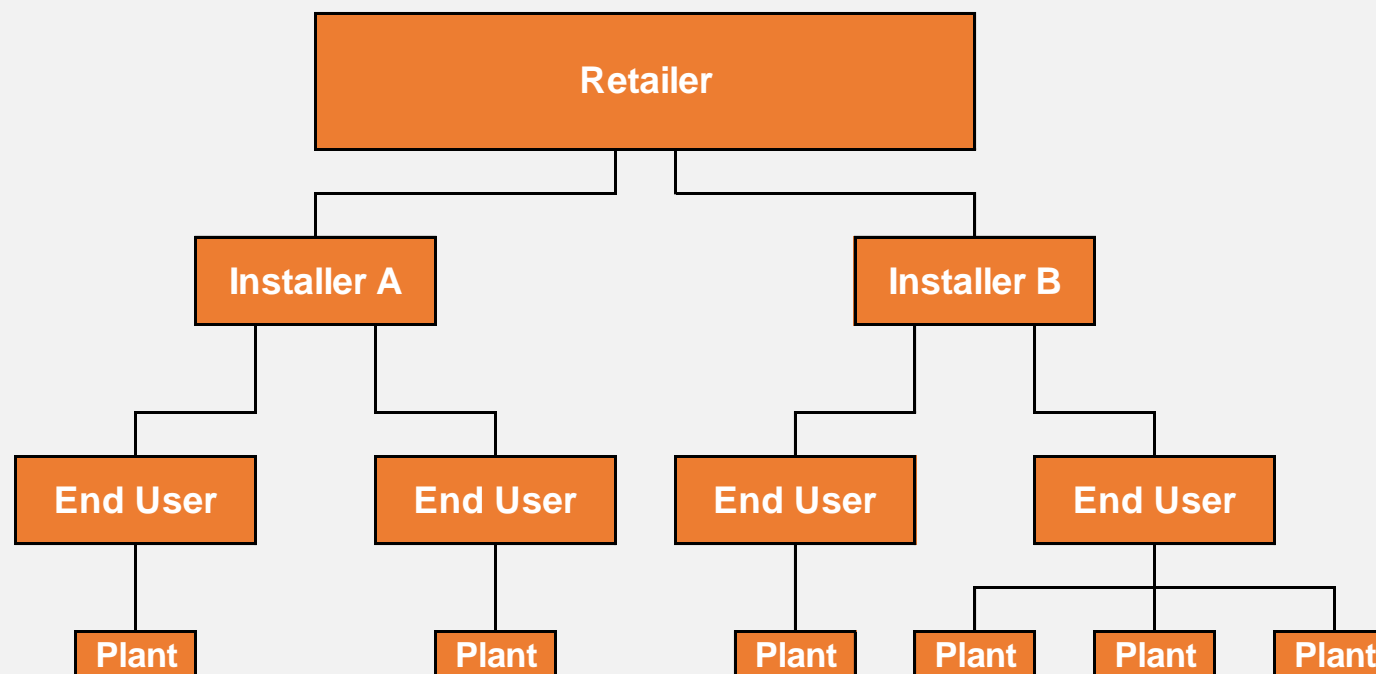
Plant

iSolarCloud gives access to production information, inverter data, consumption data and much more

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SG110CX(COM1-001)_001_002

Plant Name: Device Interval: Device Model: SG110CX

General Information   Active Fault   Closed Fault   Chart

Measuring Point Parameter   Data Update Time: 2020-07-03 12:45

Other Information

Daily Yield	195.3 kWh		Total Active Power	53.14 kW		Total Yield	19.83 MWh		Total DC Power	53.95 kW
Phase A Voltage	244.8 V		Phase B Voltage	246.4 V		Phase C Voltage	245.6 V		Phase A Current	71.9 A
Phase B Current	71.8 A		Phase C Current	72.1 A		Total Reactive Power	-0.06 kVar		Total Power Factor	1
Grid Frequency	50.06 Hz		Internal Air Temperature	41.1 ℃		MPPT1 Voltage	661.4 V		MPPT1 Current	11.5 A
MPPT2 Voltage	683.6 V		MPPT2 Current	12.8 A		MPPT3 Voltage	685.1 V		MPPT3 Current	12.5 A
MPPT4 Voltage	687.5 V		MPPT4 Current	12.3 A		MPPT5 Voltage	675.6 V		MPPT5 Current	12.7 A
MPPT6 Voltage	673.1 V		MPPT6 Current	12.6 A		MPPT7 Voltage	672.9 V		MPPT7 Current	6.2 A
MPPT8 Voltage	191.5 V		MPPT8 Current	0 A		MPPT9 Voltage	190.4 V		MPPT9 Current	0 A

Repair

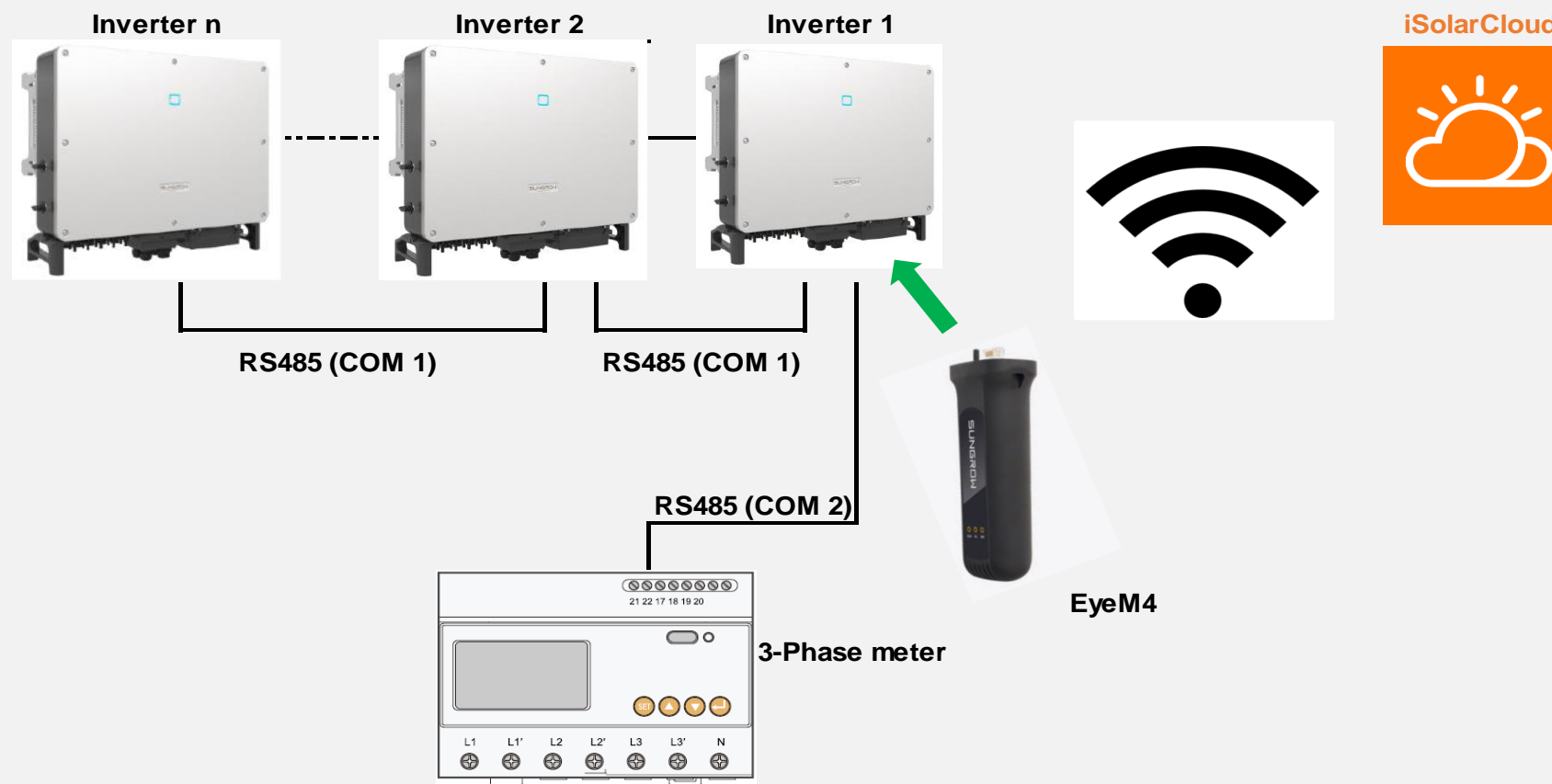# Firmware updates and parameter settings from your desktop
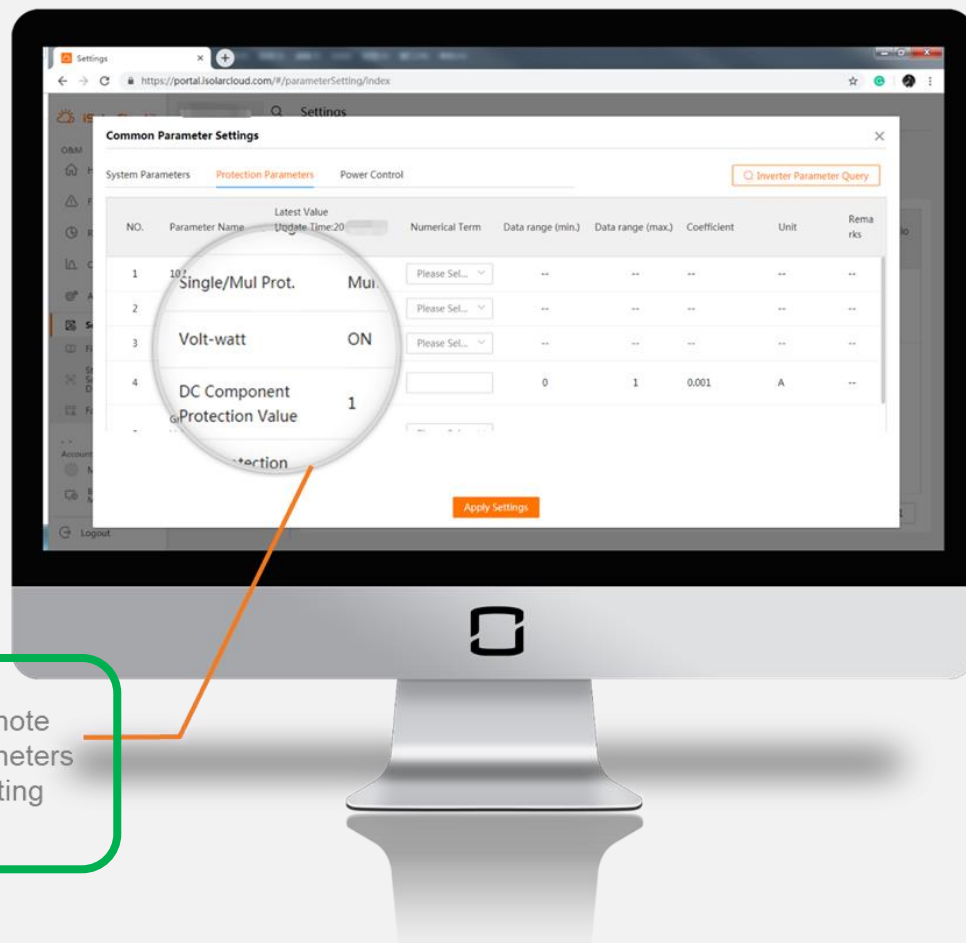
Remote Parameters Setting
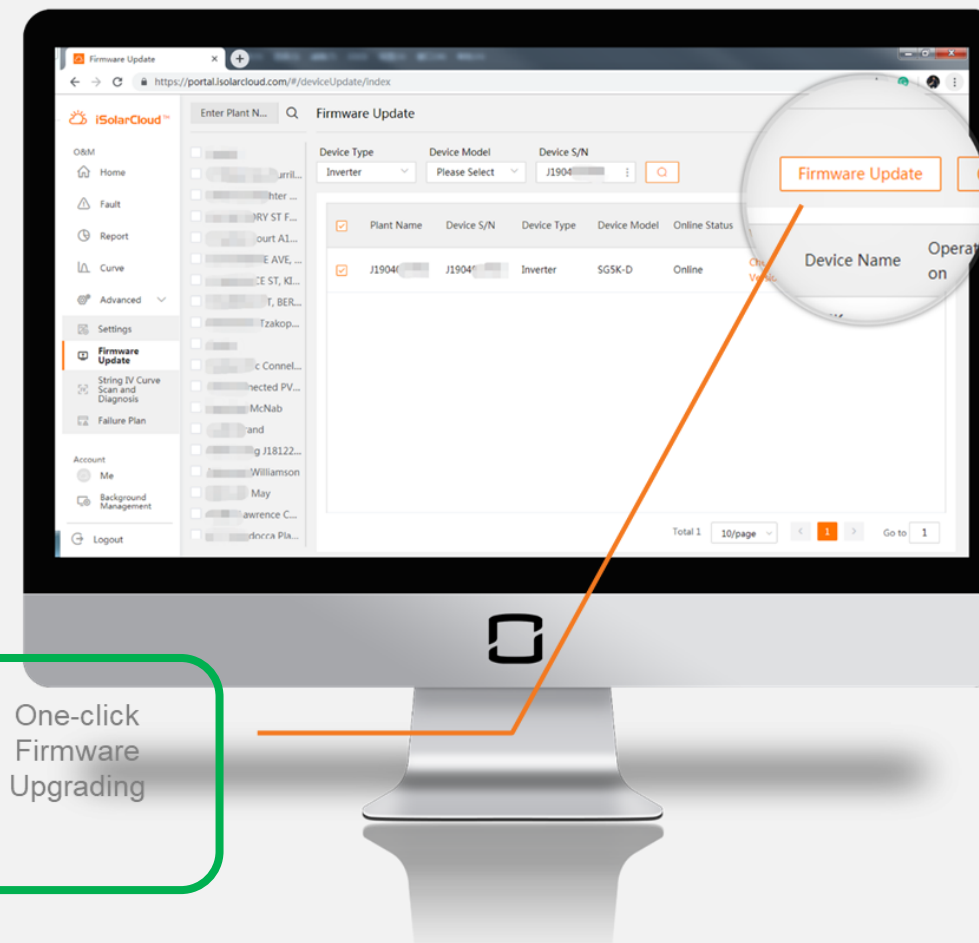
One-click Firmware Upgrading

EyeM4 iSolarCloud Connection

Uploads data to the iSolarCloud portal via the customer's modem through WLAN connection.

Inverter n   **Inverter 2**   **Inverter 1**

iSolarCloud

RS485 (COM 1)   **RS485 (COM 1)**

RS485 (COM 2)

EyeM4

3-Phase meter

Logger1000 iSolarCloud Connection

Uploads data to the iSolarCloud portal via the customer's modem through Ethernet connection.

Inverter n   Inverter 1   Modem

RS485

Ethernet

RS485

3-Phase meter
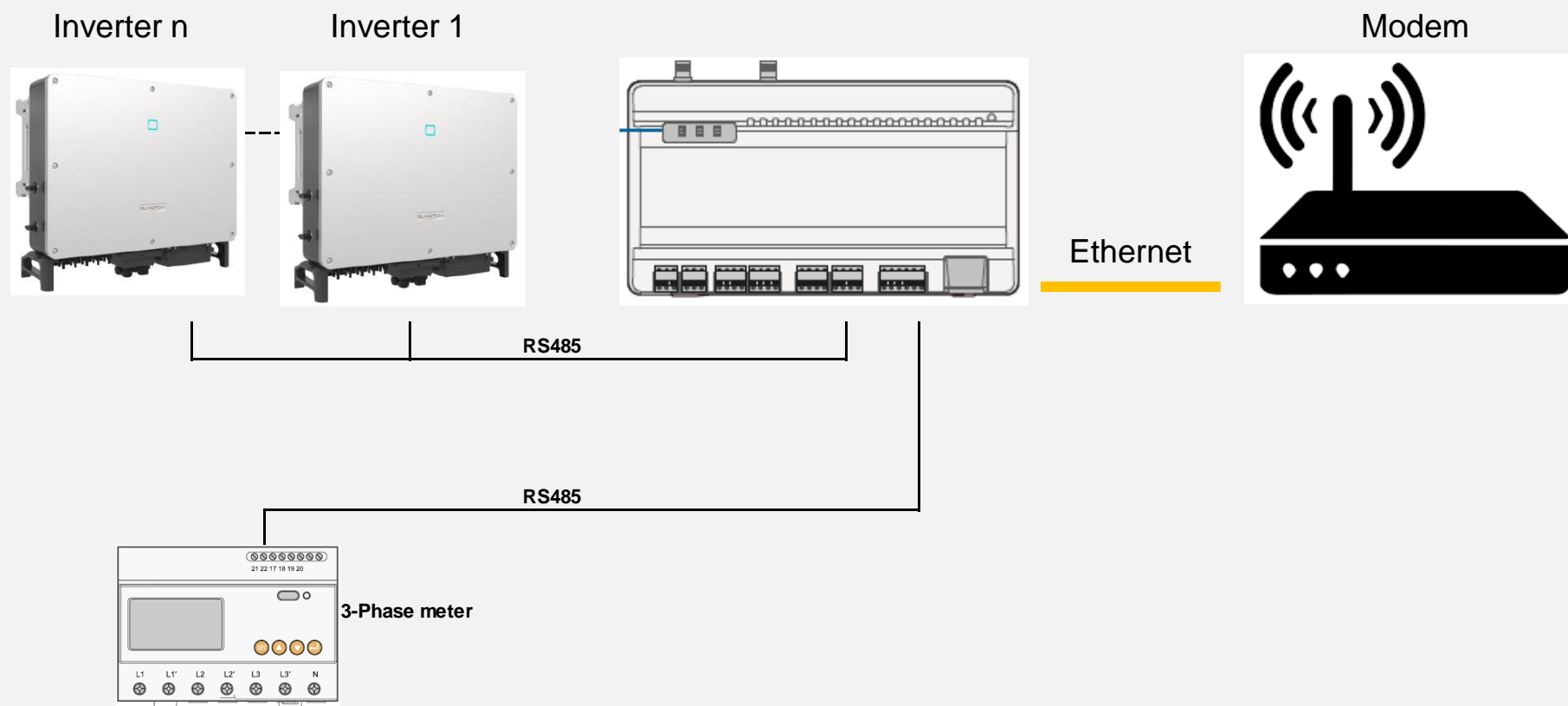
Quick iSolarCloud Demo

Further Information

For further information and videos, please visit our service web site
https://service.sungrowpower.com.au/

You may also reach tech support via:

Email: service@sungrowpower.com.au
Hotline: 1800 786 476 (business hours)

AU Team

Thank you

□ 2012   Founded in

□ 15+   Lovely Members

□ 500MW   Being Installed in AU

THANK YOU!