ASIAN POWER DEVICES
PrimeVOLT
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Installer APP (SolarHope) User Manual

This manual describes the commissioning of PrimeVOLT inverters via APP after installation.
Inverter working status and parameters and settings can be viewed through this APP, besides, the APP is also the tool for installer to configure inverter at site.

1. APP Downloading

Search and download APP “SolarHope” from Google Play and Apple Store, or scan the QR code on inverter front cover to reach APP download page directly.

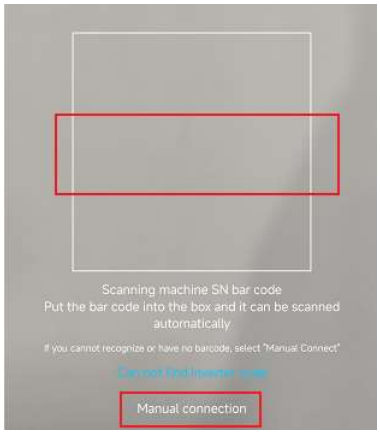
The APP should access with some permissions, such as device’s location. Please grant rights that APP required.

2. Connect to Inverter

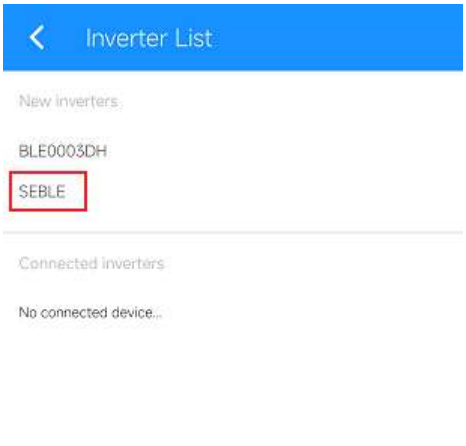
2.1 Turning on switches both DC and AC sides, to power ON inverter, LED indicator on inverter front cover will be flashing.

2.2 Open SolarHope APP, and click “Bluetooth Connection”, then scan serial number barcode of inverter to connect,
You can also click “Manual Connection”, APP will automatically search inverters nearby, click device in list to connect,

Bluetooth connection



Scan barcode or Manual connection



Click to connect to inverter

3. Check Inverter Settings

3.1 Defaultly, installer will login in Guest mode, which can check inverter running status, generation data, historical log, and basic setting (inverter firmware version, grid code, power quality response mode settings, grid protection settings).

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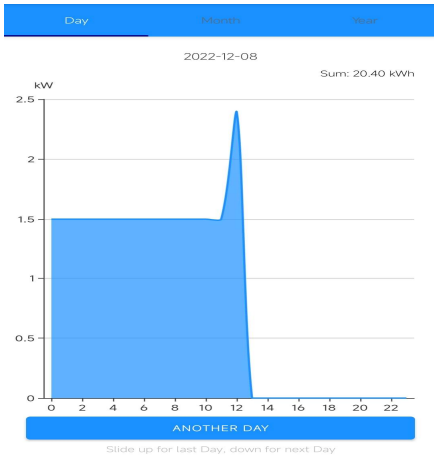
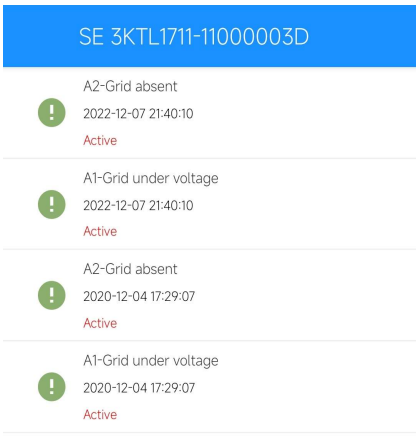
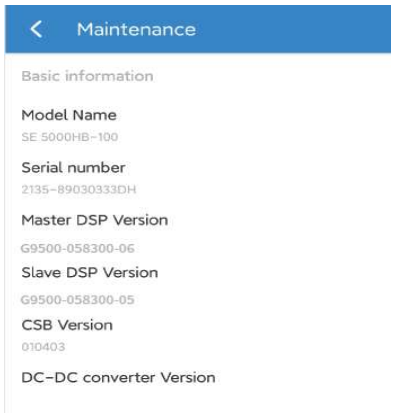
Inverter running status



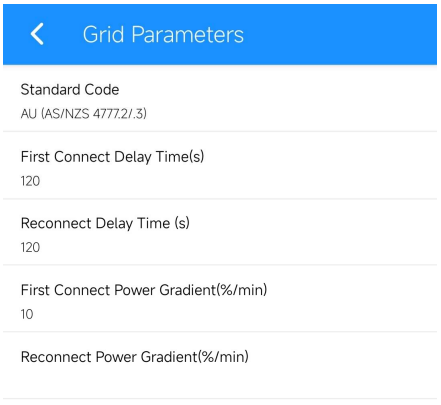
Inverter generation data



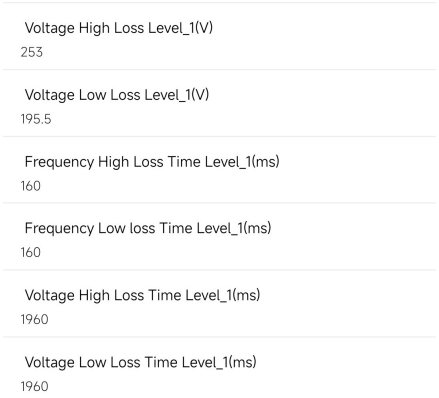
Inverter historical log



Inverter firmware version



Grid code setting (integrated Power Quality Response Mode settings)



Grid protection settings

4. Regional Safety Settings

4.1 Regional Safety Setting (Grid Code Setting) is a mandatory selection when configuring the system; the system will not operate if it is not selected.

For convenience the Regional Safety Settings are set by select the Region from the list provided in the Installer APP, the list is maintained with the latest setting required by AS/NZS4777.2:2020.

Selection of a region automatically selects Power Quality Response Mode settings, including:

- Voltage balance mode (where available)
- Voltage and frequency limits
- Sustained operation for frequency variations
- Grid Protection
- Power Rate Limits
- Frequency Response Limits
- Voltage Disturbance Withstand
- Volt - Var response
- Volt - Watt response
- Fixed Power Factor Mode
- Reactive Power mode

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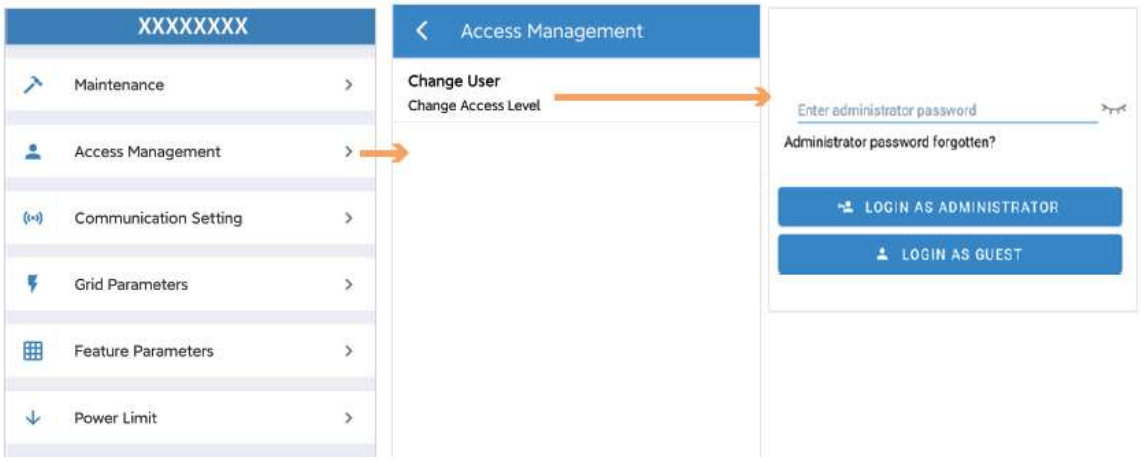
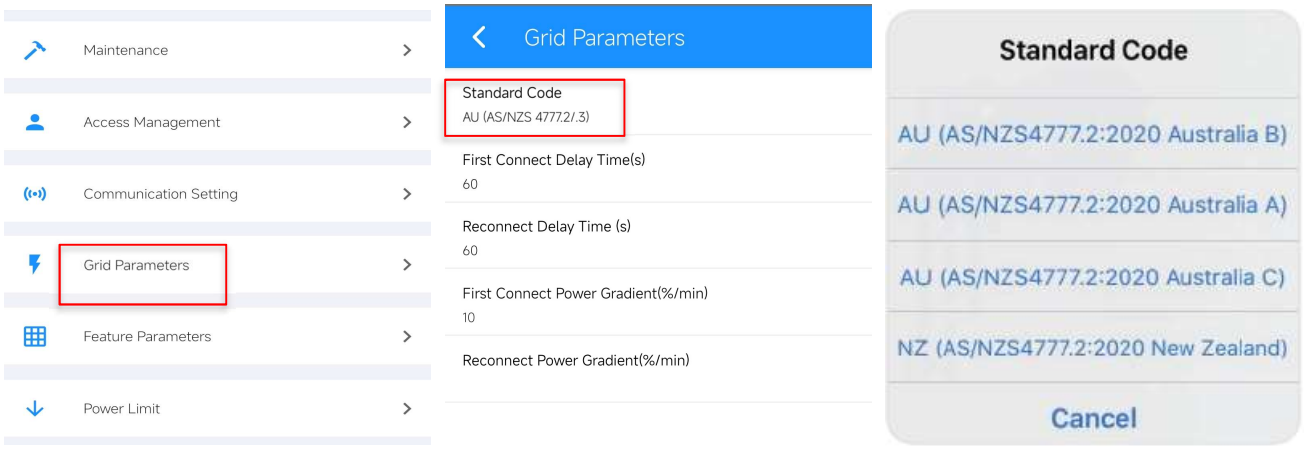
4.2 Go to “Console > Access Management > Change User” page, to switch login mode to administrator, contact PirmeVOLT service center to get the password.



Access management | Change user level | Input Administrator password

4.3 Go to “Console > Grid Parameters” page, select region from “standard code” list.



Console > Grid Parameters | Grid Parameters Page | Standard codes to select

1. *Please inquire local grid operator about the right “Region Code” to select.*
2. *All PrimeVOLT inverters exported to Australia and New Zeeland markets meet AS/NZS4777.2:2020 requirements, with firmware support “Region Code” setting.*
3. *Please contact PrimeVOLT service center and distributors for assistant if meet challenges during installation.*