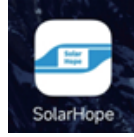# PrimeVOLT
Installer APP (SolarHope) Quick Manual

1 APP Downloading

- Search and download "SolarHope" APP from Google Play or Apple Store.
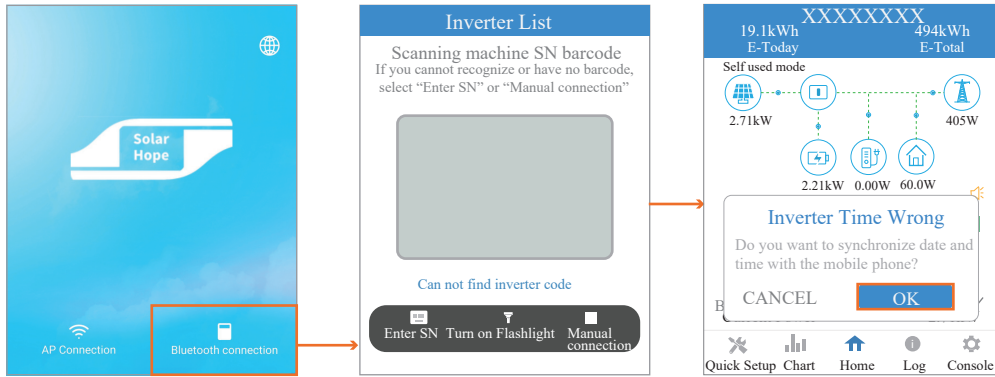- Scan the QR code on the inverter's front cover to reach APP download page directly.

  Note: The APP should access with some permissions, such as device's location.
  Please grant all rights that APP required.

SolarHope

2 Connecting the Inverter

Step 1: Turn on switches of both DC and AC sides to power on inverter. LED indicator on the inverter's front cover will be flashing.
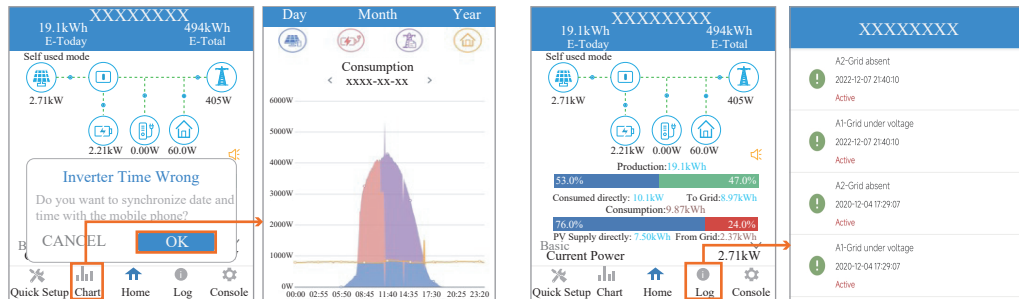
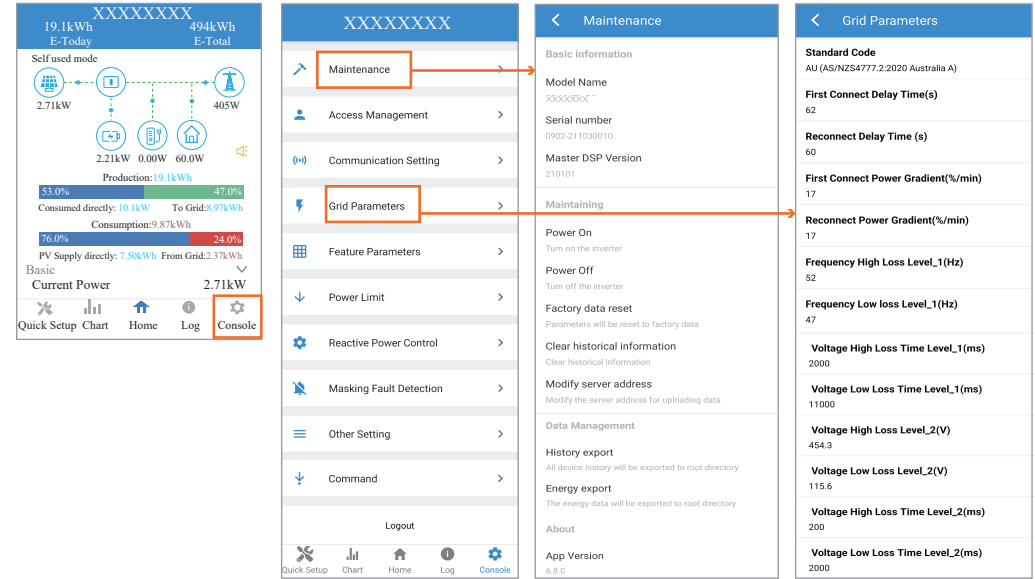Step 2: Open APP, follow below instructions to connect to inverter.

3 Checking Inverter Information

Defaultly, users will login in Guest mode, which can check the information about inverter.

- Click Chart to check the information about generation data.

- Click Log to check the information about historical log.

- Click Console to check the information about basic setting (including inverter firmware version, Standard code, and grid protection settings).

Inverter firmware version

Standard code setting and Grid protection settings

4 Regional Safety Settings

4-1 Description

Regional Safety Setting (Grid Code Setting) is a mandatory selection when configuring the system; if not selected the system will not operate. For convenience the Regional Safety Settings are set by selecting the Region from the provided list in SolarHope APP. The list is maintained with the latest setting required by AS/NZS4777.2:2020. Selection of a region will automatically match to its 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

4-2 Login as Administrator

Go to Console > Access Management > Change User page, and click LOGIN AS ADMINISTRATOR.

- Access management

XXXXXXXX	
Maintenance	>
Access Management	>
Communication Setting	>
Grid Parameters	>
Feature Parameters	>
Power Limit	>
Reactive Power Control	>
Masking Fault Detection	>
Other Setting	>
Hybrid Setting	>
Command	>
Logout	

Quick Setup   Chart   Home   Log   Console

- Change user level

< Access Management

Change User
Change Access Level

- Input Admistrator password

Enter administrator password

Administrator password forgotten?

LOGIN AS ADMINISTRATOR

LOGIN AS GUEST

Note:
- Click LOGIN AS ADMINISTRATOR to enter the administrator mode, and set Standard Code.
- Click LOGIN AS GUEST to enter the guest mode, and view or check Standard Code only.

ⓘ Please contact PrimeVOLT service center to get the password to enter the administrator mode.

4-3 Set Standard Code

Go to Console > Grid Parameters page, select region from Standard Code list.

- Console > Grid Parameters

XXXXXXXX	
Maintenance	>
Access Management	>
Communication Setting	>
Grid Parameters	>
Feature Parameters	>
Power Limit	>
Reactive Power Control	>
Masking Fault Detection	>
Other Setting	>
Hybrid Setting	>
Command	>
Logout	

Quick Setup   Chart   Home   Log   Console

- Grid Parameters Page

< Grid Parameters

Standard Code
AU (AS/NZS4777.2:2020 Australia A)

First Connect Delay Time(s)
62

Reconnect Delay Time (s)
60

First Connect Power Gradient(%/min)
17

Reconnect Power Gradient(%/min)
17

Frequency High Loss Level_1(Hz)
52

Frequency Low loss Level_1(Hz)
47

Voltage High Loss Time Level_1(ms)
2000

Voltage Low Loss Time Level_1(ms)
11000

Voltage High Loss Level_2(V)
454.3

Voltage Low Loss Level_2(V)
115.6

Voltage High Loss Time Level_2(ms)
200

Voltage Low Loss Time Level_2(ms)
2000

- Standard codes to select

< Grid Parameters

Standard Code

XXXXXXXXXX

XXXXXXXXXX

AU (AS4777.2:2020 Australia A)

AU (AS4777.2:2020 Australia B)

AU (AS4777.2:2020 Australia C)

AU (AS4777.2:2020 New Zealand)

XXXXXXXXXX

XXXXXXXXXX

XXXXXXXXXX

XXXXXXXXXX

CANCEL

Frequency Low loss Time Level_1(ms)

Note:
Standard Code can be selected under Administrator mode only.

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

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5 Starting Inverter

Go to Quick Setup page, and follow the instructions below to start inverter.

19.1kWh XXXXXXXX 494kWh
E-Today   E-Total
Self used mode

2.71kW   405W

2.21kW 0.00W 60.0W

Production:19.1kWh

53.0%   47.0%
Consumed directly: 10.1kWh   To Grid:8.97kWh
Consumption:9.87kWh

76.0%   24.0%
PV Supply directly: 7.50kWh From Grid:2.37kWh
Basic
Current Power   2.71kW

Quick Setup   Chart   Home   Log   Console

①	②	③

Power control
Meter location   Click each item
Meter Type   to enter the
Power flow direction information.
Digital meter modbus address
Maximum feed in grid power(W)

Previous   Next

Configure export power control parameters.

①	②	③

Hybrid work mode   Click each item
Battery type selection to enter the
EPS Output   information.

Previous   Next

Select Hybrid work mode, and set parameters.

①	②	③

Click it to start

Previous

Start Inverter.