Release Notes

Portia Linux 4.13.125

Support for Energy Hub Inverters with SolarEdge Energy Bank Batteries

Firmware Package for SetApp-Enabled Inverters

Inverter firmware versions

Product	CPU	DSP1	DSP2	Energy Net
Energy Hub Inverter with Prism Technology: SE3800H-USMMBBL14 SE6000H-USSMBBL14 SE7600H-USSMBBL14	4.13.125	1.0.1318	2.0.1125	1.0.12

Device firmware versions

Product	CPU	Controller
Smart EV Charger	4.13.40	2.2.10
Energy Meter	N/A	0.74
Smart Energy Hot Water	3.10041	0.12.106
Backup Interface	N/A	0.1.47

Battery firmware versions

Battery controller	Version
SolarEdge Energy Bank SMCU	1.0.27
SolarEdge Energy Bank DCDC	0.0.63
SolarEdge Energy Bank BMS	0.5.77

Application versions

Product	iOS	Android
SetApp	2.13	2.13
Monitoring App	3.13	3.13
mySolarEdge	2.0	2.0

To verify the firmware is updated on the inverter following the upgrade process:

- Use SetApp to connect to the inverter
- Open the Information screen and verify the firmware versions in the Status screen are according to the table above.

Release Notes

New Features & Enhancements

Support for SolarEdge Energy Bank with Energy Hub inverters with Prism Technology (PNs: SE3800H-USMMBBL14, SE6000H-USSMBBL14, SE7600H-USSMBBL14)

Supported configuration: Up to two batteries per inverter and up to three inverters and six batteries onsite

Known Issues and Limitations

- In some cases, the BMS upgrade fails. Please perform the upgrade again
- In some cases, 'Error 3x6B: Battery Communication Error' may appear for a moment when adding the SolarEdge Energy Bank
- In rare cases, the associated SolarEdge Energy Bank may appear under 'Available Devices' instead of 'Installed Devices' in SetApp (this is a display issue only)
- During the first 30 days following battery installation, the SoE may be inaccurate which may cause flickering when reaching Energy Bank end of discharge
- In rare cases, SetApp may show incorrect battery power or energy
- In rare cases, an error in the battery communication may cause the inverter to temporarily stop charging/discharging the battery
- Communication between inverter and battery via RS485 only supports one battery
  - SolarEdge Energy Net must be used when configuring multiple batteries
- When the battery SoE reaches 100%, it may discharge by a few percent before starting to charge again
- In rare cases, cellular connection may not work
  Workaround: Inverter's AC cycle may resolve this
- SolarEdge Energy Bank firmware upgrade over RS485 may take ~1 hour from SMCU version <1.0.25
- SolarEdge Energy Bank visibility in the Monitoring Dashboard and Charts screen may be delayed
  Workaround: In SetApp, tap 'Disconnect from device' to speed up the time until it's displayed
  Note: it's OK to reconnect to the inverter immediately after disconnecting
- In rare cases, for dual battery configurations, the inverter may temporarily stop backup operation for a few seconds when one of the batteries reaches a reported SOE of 9%
- SolarEdge Energy Bank will discharge in off-grid/on-grid until reported SoE of 9%/4%
- In rare cases when installing dual batteries with different firmware versions, both batteries may be upgraded, while only one of the batteries require an upgrade
- When two batteries are configured, after removing one battery, SetApp may still display both batteries
  Workaround: AC cycle the inverter