

Gateway firmware revisions

131 Adam Reynolds October 15, 2024 [Other](#) 0 15790

Gateway

Gateway GAAA0011 (Unified all versions) 20 Sept 2024

1. Fixed the issue that the energy data was cleared after the upgrade
2. Fix the issue that the PV data at 0:00 on a daily basis is not cleared
3. Fixed the issue that there is no PV data when ID1 & ID2 are enabled
4. Add the function of three-phase electricity meter
5. Added Parallel SOC calibration function
6. SPD Fail Error Codes
7. A single AIO prevents backflow
8. Increased to 8 meter data reads
9. Add the Calculate load feature, for PV on Load CU
10. Added BMS remote reset function
11. Added the Bypass closure detection function

Gateway GAAA0010 (Includes AIO Parallel Control) 23 Mar 2024

1. Resolve the SN loss issue when upgrading from GW8 to GW9;
2. Unify with the latest input register map.

Gateway GAAA0009 (Includes AIO Parallel Control) 08 Apr 2024

1. Add grid-parallel automatic addressing function
2. SOC based power control in spontaneous self-use mode
3. Ten charge and discharge period control
4. DRMS control function
5. Safety certification and power mode control function
6. Add the restart function of the parallel system
7. Add the UPS and anti-reflux mode control functions
8. Add grid overcurrent and overpower protection functions.
9. Add the alarm that the AIO software version is inconsistent when the machine is in parallel.
10. Add the grid power limit function;
11. Add shielding battery charge and discharge control function;
12. Add charge and discharge power percentage and active power percentage control;
13. Add parallel AIO data collection function;

Gateway Software version GAAA0008 (7 never issued)

1. Auto CT direction fix (Required AIO Firmware 609 or greater)
2. Data storage issue optimisation

Gateway Software version GAAA0006

1. Add the function of automatically identifying the CT direction of AC power grid
2. DRM function
3. Adjust the long-term overvoltage function
4. Increase the load apparent power display when off-grid
5. Modify the display faults of the mains led and battery led lights
6. Add packets with major version numbers GA1.0 and SC1.0
7. Change the recovery time of undervoltage/overvoltage and undervoltage/overfrequency protection

Gateway Software version: GAAA0005

Software changes:

1. Newly added, Grid, PV, Load, AIO charging and discharging daily energy and total cumulative energy;
2. Newly added, restore the default factory settings;
3. Add RTC time settings;
4. Newly added meter address setting function;
5. Grid relay will now not open on AIO update, or GW update;

GAA0004 (10 May 2023)

1. I/O wake-up signal is changed from event type to periodic type

GAA0003 (17 Apr 2023)

1. The gateway communication timeout is changed from 6S to 10S.
2. Add the low voltage traversal enable setting.
3. Added the function of setting CT direction;
4. Increase the upper and lower limit protection values of overvoltage, overfrequency and

underfrequency;

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