

Maintenance mode for lead-acid batteries

To maximise the lead-acid battery life, the inverter will maintain the lead-acid battery every 6 months, no matter whether the PV power is sufficient or not. Generally, the maintenance management is only suitable for a lead-acid battery.

The maintenance process is as follows:

1. Charge the battery with a constant current of $0.165 C$, in which C is the nominal capacity specified by the manufacturer and is indicated in Ah.
2. Charge the battery with a trickle current when the battery voltage is stabilized at the average charge voltage.
3. When the trickle current decreases to 2 A, end the maintenance.

When an inverter shows “Maintain” state, the system is running normally with the battery in maintenance process (only for lead-acid battery). Usually, it may take a few hours and up to a day to complete the maintenance process.

If the maintenance mode persists, please contact Sungrow Service Department via 1800 786 476.