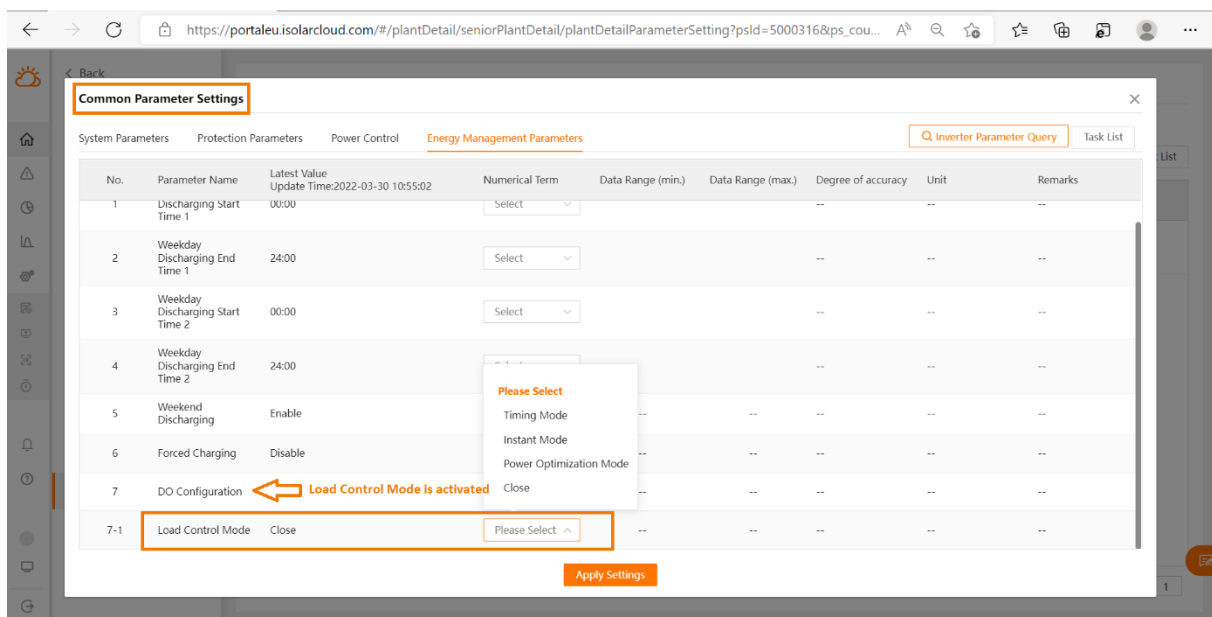


3-phase Hybrids-FAQ

Problems involving load control mode (DO) setting of SHxxRT inverters

Applicable to: SHxxRT series

The inverter can switch off the DO port by setting different load control modes, thus realising load control. The remote setting interface is shown in the figure below, there are three modes of load control, namely Timing Mode, Switch Mode and Power Optimization Mode.



Timing Mode: In a certain time period, the DO port is enabled.

Instant Mode: Directly set whether the DO port is open or closed.

Power Optimization Mode: Set the start and end time and the specified power value. When the grid-feed-in power reaches the set power value, the DO port function is automatically enabled within the specified time period. The DO port will remain enabled (switch closes) for 20 minutes before checking whether the grid-feed-in power still meets the condition.

To trigger the Power Optimization Mode, two conditions should be met at the same time:

1. The grid feed-in power should be greater than the load power set in Intelligent Mode.
2. At this time, the battery should be in the charging state.

In that case the DO switch will close and the controllable load will be activated.

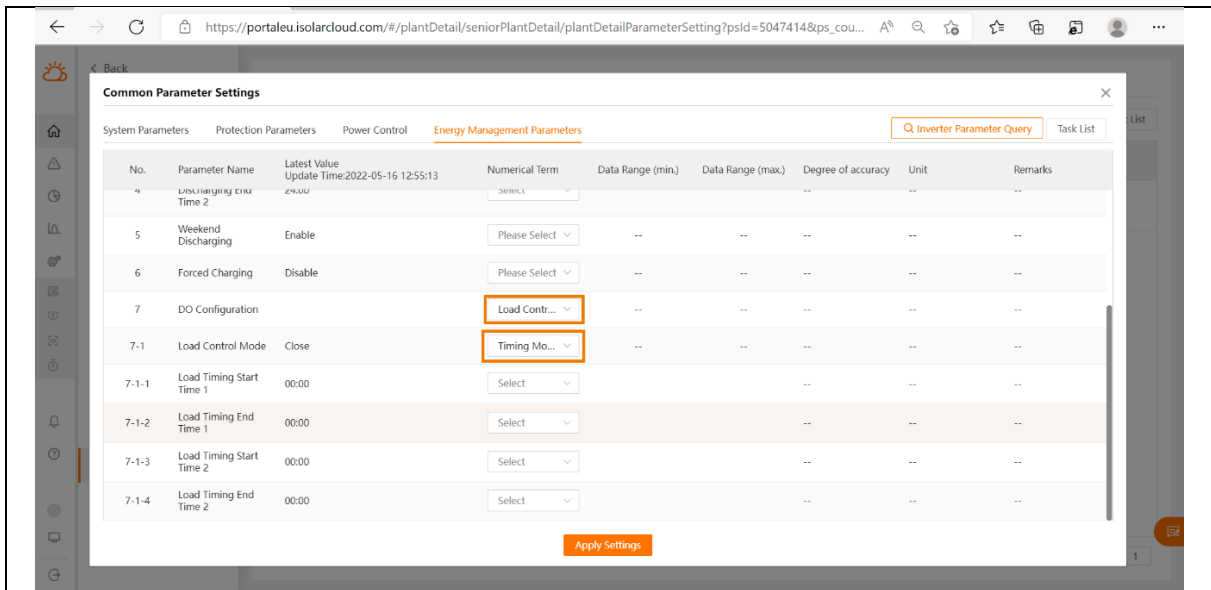


Figure 4-7 Timing Mode

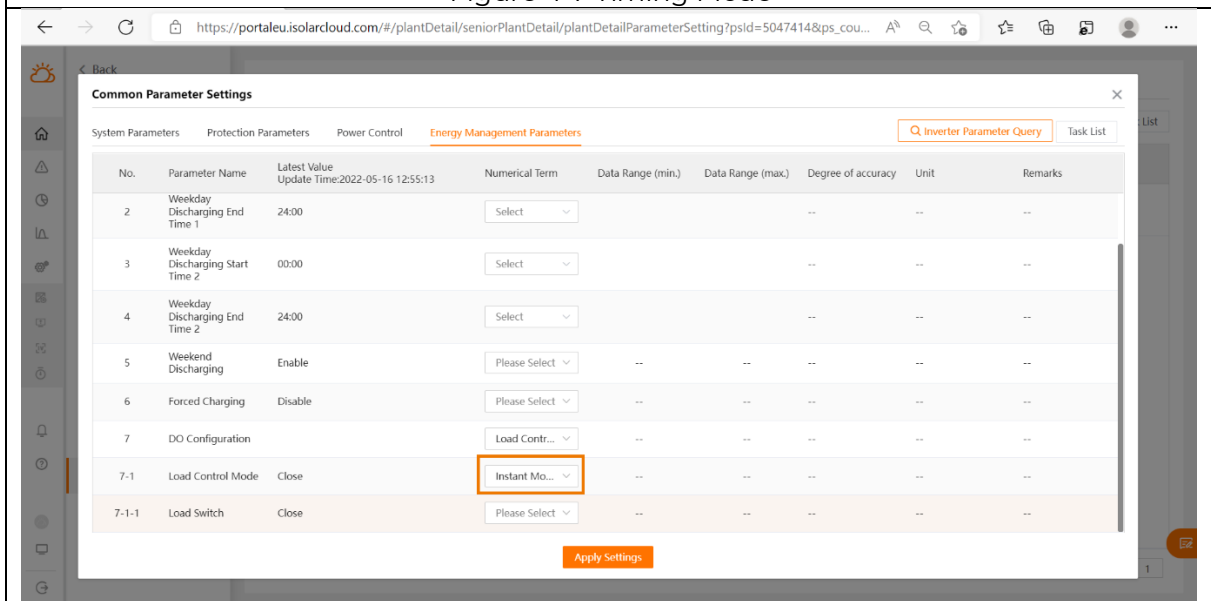


Figure 4-8 Instant Mode

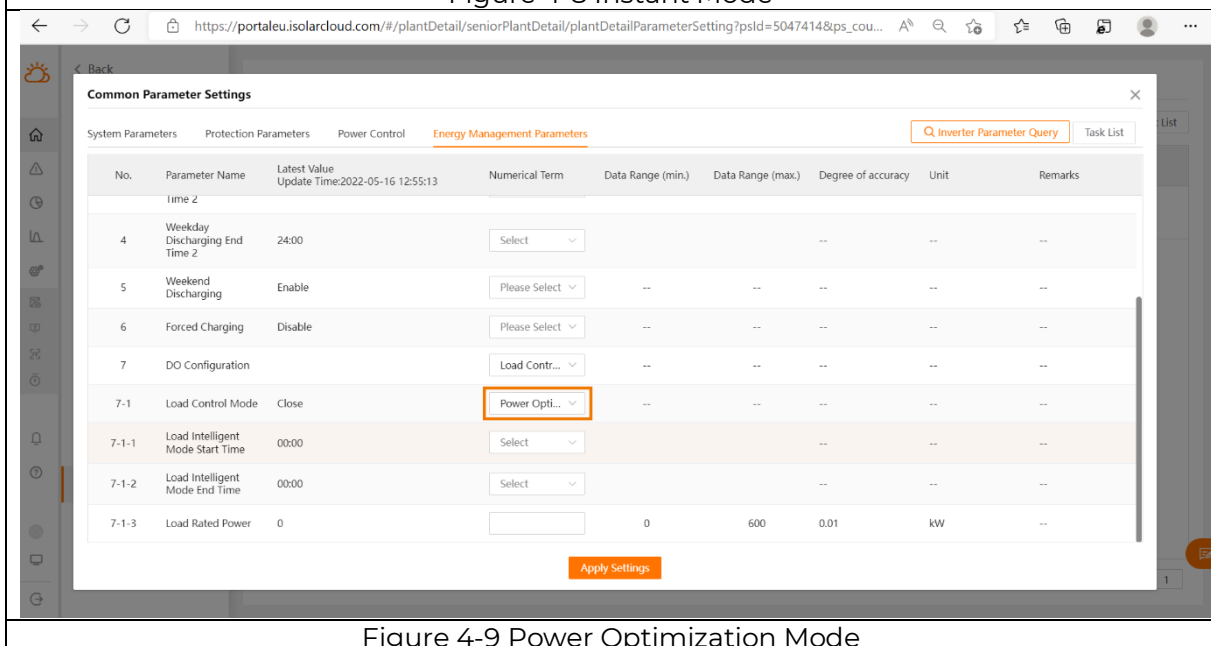


Figure 4-9 Power Optimization Mode

For further information, please download the user manual [here](#).

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.

The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.