

## Accessing the webserver

To use Lead-acid batteries in conjunction with the SH5K, you need to follow the below instructions.

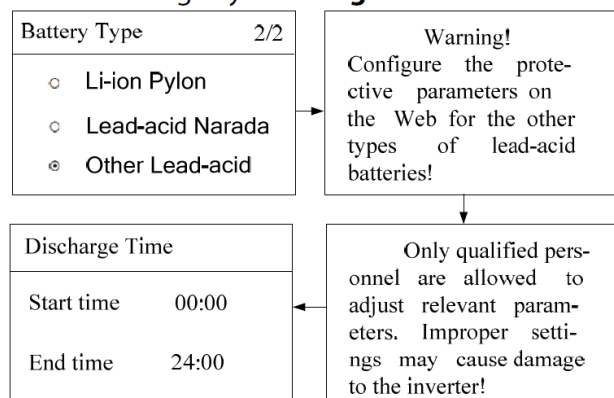
1. Select Other Lead-acid on the inverter’s LCD.

Main Menu → Settings → Password: 111 → Battery Type → Other Lead-acid

\*Please stop the inverter when the battery type needs to be changed during operation. [Main Menu—ON/OFF—OFF]

When the option “Other Lead-acid” is chosen, **Press ENTER** and the warning screens will prompt. Webserver configuration is reminded and only qualified personnel are allowed to perform it.

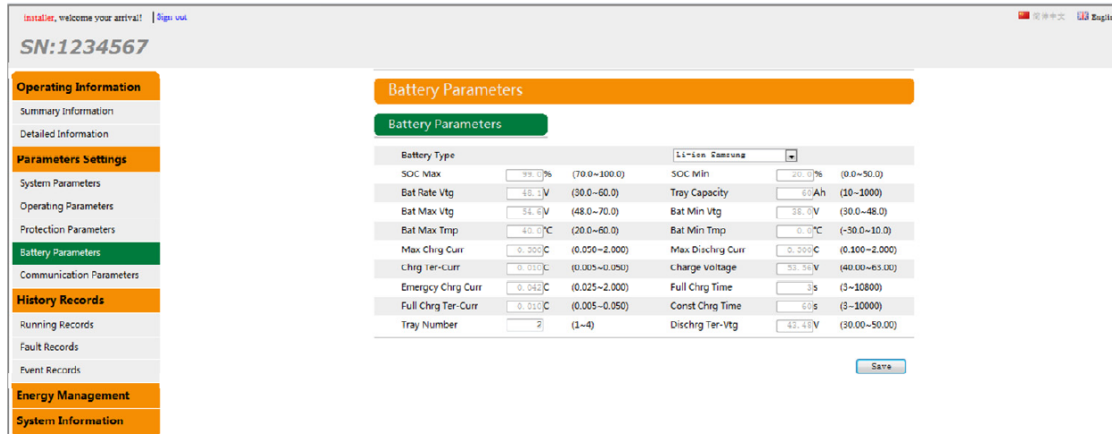
**Press ENTER** to enter the screen to set discharge time. **Press >** to move cursor and **Press ▲** to scroll up time value. Confirm the settings by **Pressing ENTER**.



2. Access the Webserver

3. Set parameters on Webserver

After click Sing in, you can visit the below page. Please go to Battery Parameters and set all requirement parameters.



This interface is to set the related battery parameters. The following table describes the parameters explanation of Samsung Li-ion battery.

**Tab. 8-2** Battery Parameters Description

Parameter	Description	Default Value	Range
Battery Type	No battery, Lead-acid Narada, Li-ion Samsung, Li-ion LG, Li-ion Pylon, Other Lead-acid.	No battery	-
SOC Max	Upper limit of battery charge when charging.	99.0%	70~100%
SOC Min	Lower limit of battery charge when discharging.	20.0%	0~50%

Chrg Ter-Curr	Terminated current of constant voltage charging.	0.005C	0.005 ~ 0.05C
Charge Voltage	Charge voltage of constant voltage charging.	53.56 V	40 ~ 63 V
Const Chrg Time	Charge time of constant voltage charging.	60s	3 ~ 10000s
Dischrg Ter-Vtg	Terminated voltage of discharging.	43.485 V	30 ~ 50 V
Emergency Chrg Cur	Emergency charge current of constant current charging.	0.042C	0.025 ~ 2C
Full Chrg Ter-Curr	Terminated current of full charging.	0.010C	0.005 ~ 0.05C
Full Chrg Time	Time needed for full charging.	9000s	3 ~ 10800s
Tray Number	Tray number of Li-ion battery.	2	1 ~ 4

Parameter	Description	Default Value	Range
Bat Rate Vtg	Rated voltage of the equipped battery.	48.1 V	30~60 V
Tray Capacity	Capacity of the battery tray.	60 Ah	10 ~ 1000 Ah
Bat Max Vtg	Upper limit value of battery voltage when charging.	54.6 V	48 ~ 70 V
Bat Min Vtg	Lower limit value of battery voltage when discharging.	38.0 V	30 ~ 48 V
Bat Max Tmp	Upper limit value of battery temperature.	40.0°C	20 ~ 60°C
Bat Min Tmp	Lower limit value of battery temperature.	0.0°C	-30 ~ 10°C
Max Chrg Curr	Upper limit value of the charging current.	1.000C	0.05 ~ 2C
Max Dischrg Curr	Upper limit value of the discharging current.	1.000C	0.1 ~ 2C