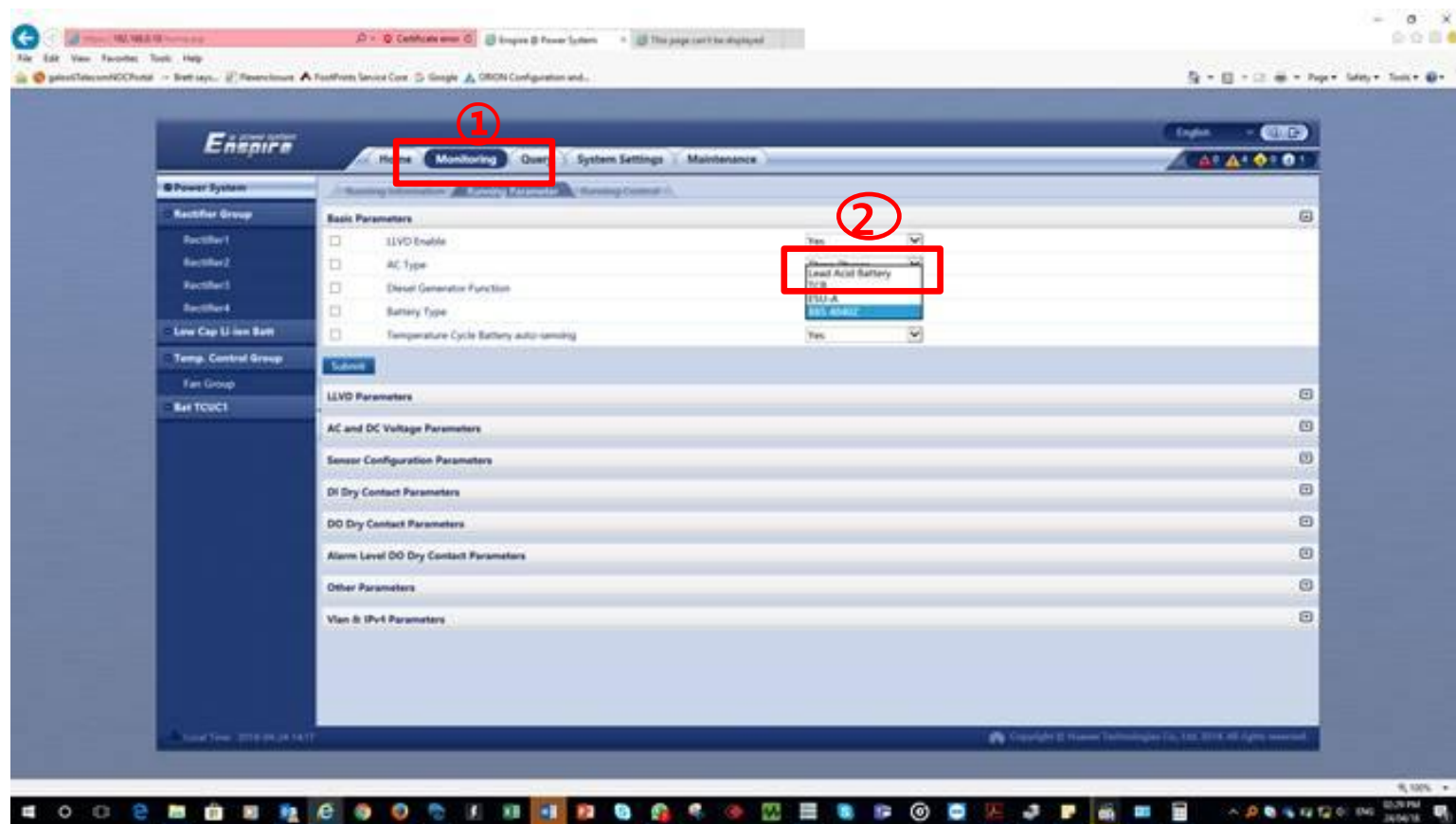


TP48200A Recommended Parameter Setting for Standby LIB

Parameter	Default Value
Battery	Choose Lead acid
String	48V string
Capacity	Choose battery capacity as per installation



Parameter	Default Value
PLD (LLVD1) @0.2C	49.14V
PLD (LLVD1) reconnect voltage @0.2C	51.14V

power system
Espire

Power System

Controller

UIM

Acid Battery Group

Comm. Ex. Board Group

NIM02D

Rectifier Group

GPS

Home

Monitoring

Query

System Settings

Maintenance

Running Information

Running Parameter

Running Control

Basic Parameters

LLVD Parameters

☒

LLVD Disconnect Voltage

49.1

-

+

V (36.0~56.0)

☒

LLVD Connection Voltage

51.1

-

+

V (37.0~58.0)

☐

LLVD Delay Time

60

-

+

s (5~90)

☐

LLVD Timed Disconnect Enable

Disable

▼

☐

LLVD High Temp Disconnect Enable

Disable

▼

Submit

Parameter	Default Value
Recharge current	0.2 to 0.3C
Float voltage	57.2V

The screenshot displays the Enspire power system monitoring interface. The left sidebar shows the navigation menu with 'Acid Battery Group' selected. The top navigation bar includes 'Home', 'Monitoring', 'Query', 'System Settings', and 'Maintenance'. The 'Monitoring' tab is selected, and the 'Running Parameter' sub-tab is active. The 'Basic Parameters' table is shown below.

Parameter	Value	Unit	Adjustment
Battery1 Connected	No		▼
Battery2 Connected	No		▼
Single-String Rated Capacity	600		- +
Float Charge Voltage	57.2		- +
Boost Charge Voltage	57.3		- +
Charge Current Limit Coefficient	0.20		- +

Parameter	Default Value
LVD (BLVD) @0.2C	46.9V
LVD (BLVD) reconnect voltage @0.2C	49.4V

Enspire power system

Home **Monitoring** Query System Settings Maintenance

Running Information **Running Parameter** Running Control

Basic Parameters

Temperature Compensation Parameters

BLVD Parameters

<input type="checkbox"/>	BLVD Disconnect Mode	Voltage Mode	▼
<input checked="" type="checkbox"/>	BLVD LVD Voltage	46.9	- +
<input checked="" type="checkbox"/>	BLVD Connection Voltage	49.4	x - +
<input type="checkbox"/>	BLVD Delay Time	60	- +

Parameter	Default Value
Equalize charge (periodic)	Disable
Equalize charge	Disable

power system
Enspire

Home

Monitoring

Query

System Settings

Maintenance

+ Power System

+ Controller

+ UIM

+ Acid Battery Group

+ Comm. Ex. Board Group

+ NIM02D

+ Rectifier Group

+ GPS

Running Information

Running Parameter

Running Control

Basic Parameters

Temperature Compensation Parameters

BLVD Parameters

Temperature Protection Parameters

Charge Parameters

☒ Automatic Boost Charge Enable

Disable

▼

☐ Float to Boost Charge Current Coefficient

0.05

-

+

C10 (0.01~0.25)

☐ Float to Boost Charge Current Duration

30

-

+

Min (2~1440)

☐ Float to Boost Charge Capacity Percent

70

-

+

% (50~100)

☒ Timed Boost Charge Enabled

Disable

▼

Parameter	Default Value
Temperature compensation	Disable
Temperature compensation coefficient	0

Set the temperature compensation coefficient to 0,it will be no temperature compensation

The screenshot shows the Enspire power system monitoring interface. The navigation bar at the top includes 'Home', 'Monitoring' (highlighted with a red box and circled 1), 'Query', 'System Settings' (highlighted with a red box and circled 3), and 'Maintenance'. The left sidebar contains a tree view with 'Power System', 'Controller', 'UIM' (highlighted with a red box and circled 2), 'Acid Battery Group' (highlighted with a red box), 'Comm. Ex. Board Group', 'NIM02D', and 'Rectifier Group'. The main content area is divided into three tabs: 'Running Information', 'Running Parameter' (highlighted with a red box), and 'Running Control'. Under 'Running Parameter', there is a section for 'Basic Parameters' and a sub-section for 'Temperature Compensation Parameters' (highlighted with a red box and circled 4). This sub-section contains a table with four rows: 'Temperature Compensation Coefficient' (checked, value 0), 'Nominal Temperature' (unchecked, value 25), 'Temperature Compensation Upper Threshold' (unchecked, value 45), and 'Temperature Compensation Lower Threshold' (unchecked, value 5). Each row has a checkbox, a text input field, and a numeric input field with minus and plus buttons.

Parameter	Default Value
Temperature compensation	Disable
Temperature compensation coefficient	0

Parameter	Default Value
Walk in time	200s

Ensipire @ power system

Home **Monitoring** Query System Settings Maintenance

Running Information **Running Parameter** Running Control

Basic Parameters

<input type="checkbox"/>	Default Output Volt	53.5	-	+	V (48.0~58.0)
<input type="checkbox"/>	Maximum Limited Current	121	-	+	% (10~121)
<input type="checkbox"/>	High Rectifier Remaining Capacity	5	-	+	% (0~150)
<input type="checkbox"/>	Low Rectifier Remaining Capacity	75	-	+	% (0~150)
<input type="checkbox"/>	Overvoltage Protection Threshold	59.5	-	+	V (56.0~60.5)
<input type="checkbox"/>	WALK-IN Enable	Yes			
<input type="checkbox"/>	WALK-IN Time	200	-	+	s (8~200)

Submit Succeeded: 1 Failed: 0

Hibernation Parameters

Thank you

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