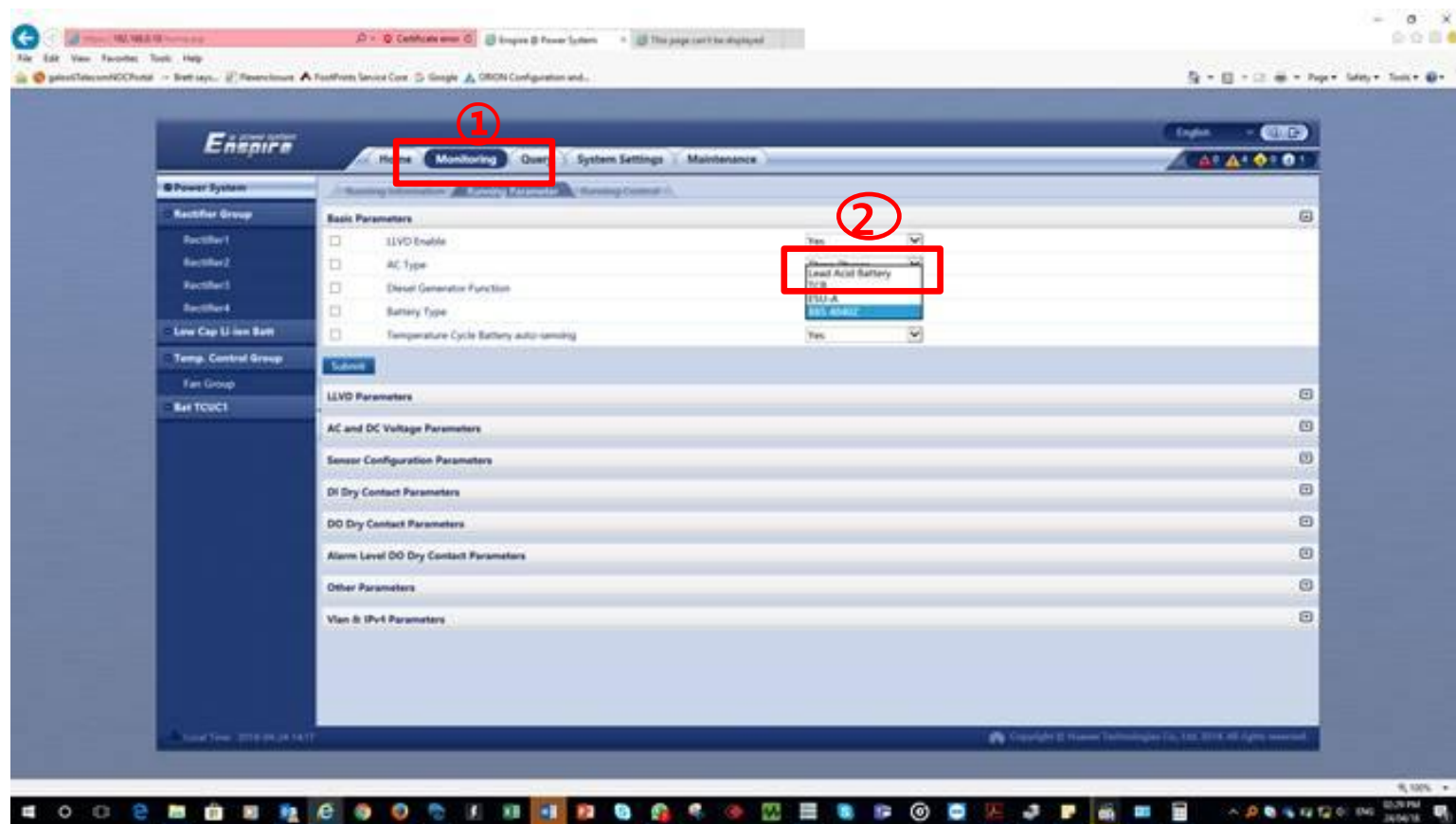


# TP48200A Recommended Parameter Setting for Standby LIB

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 shows the Enspire power system monitoring interface. The navigation menu on the left includes 'Power System', 'Controller', 'UIM', 'Acid Battery Group' (selected), 'Comm. Ex. Board Group', 'NIM02D', and 'Rectifier Group'. The main area displays 'Basic Parameters' for the 'Acid Battery Group'. The parameters are listed in a table with checkboxes, names, values, and adjustment buttons.

Parameter	Value	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

**Enspire** power system

Home **Monitoring** Query System Settings Maintenance

Running Information **Running Parameter** Running Control

Basic Parameters

Temperature Compensation Parameters

BLVD Parameters

Temperature Protection Parameters

Charge Parameters

<input checked="" type="checkbox"/>	Automatic Boost Charge Enable	Disable	▼
<input type="checkbox"/>	Float to Boost Charge Current Coefficient	0.05	- + C10 (0.01~0.25)
<input type="checkbox"/>	Float to Boost Charge Current Duration	30	- + Min (2~1440)
<input type="checkbox"/>	Float to Boost Charge Capacity Percent	70	- + % (50~100)
<input checked="" type="checkbox"/>	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 shows the 'Running Parameter' tab (highlighted with a red box) under the 'Basic Parameters' section. The 'Temperature Compensation Parameters' section (highlighted with a red box and circled 4) contains a table with the following parameters:

Parameter	Value	Unit	Min	Max
<input checked="" type="checkbox"/> Temperature Compensation Coefficient	0	×	-	+
<input type="checkbox"/> Nominal Temperature	25	-	-	+
<input type="checkbox"/> Temperature Compensation Upper Threshold	45	-	-	+
<input type="checkbox"/> Temperature Compensation Lower Threshold	5	-	-	+

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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