

Configuration Menu Structure — Overview

Clear Errors in PROsine	Configure PROsine—Basic	Configure PROsine—Advanced	Configure Display Panel	Configure Battery	Diagnostics
Clear Errors: <ul style="list-style-type: none"> • Yes • No Note: This menu item is only available when an error is active in the PROsine and the display panel in in Configure mode.	AC Breaker Size Load Sensing Equalize	Load Sensing Load Sense Power Load Sense Interval Low AC Transfer (V) Low AC Transfer (Hz) High AC Transfer (V) High AC Transfer (Hz) AC Series Mode Inverter Low V Shutdown Inverter Low V Warning Inverter Low V Restart Hysteresis Run Without Panel Inverter After Reset Without Panel Charger After Reset Without Panel Auto Restart After Error Reset to Defaults	Audible Alarm LCD Backlight Mode LCD Backlight Brightness LCD Backlight Timeout Temperature (C/F)	Battery Size Default Battery Temp Battery Type View/Change Battery Details: <ul style="list-style-type: none"> • Battery Temp. Coefficient • Mode Settings: Bulk Charge <ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Threshold Voltage • Threshold Timeout • Mode Settings: Absorption <ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Max Timeout • Threshold Current (%C) • Threshold Timeout • Mode Settings: Overcharge <ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Max Timeout • Mode Settings: Float <ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Max Timeout • Threshold Voltage • Threshold Timeout • Mode Settings: Equalize <ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Max Timeout • Threshold Change • Threshold Timeout • Mode Settings: Constant <ul style="list-style-type: none"> • Voltage Setpoint • Current Setpoint Charger Mode Charger Type Charger High Battery V Warning Offset	PS System Mode View Last 20 PROsine Faults Clear PROsine Fault Log View Last 10 Panel Faults AC Bad Cause View Software Versions: <ul style="list-style-type: none"> • LVP Software Revision • HVP Software Revision • Display Software Revision • Display EEPROM Revision View System Temperatures: <ul style="list-style-type: none"> • Temperature at Panel • PROsine Unit Temp. 1 • PROsine Unit Temp. 2 PROsine HVDC

PROsine 2.0 Errors

When an error is active in the PROsine, you can access the Clear Errors menu. By selecting Yes, you tell the PROsine that you have attempted to correct the error condition and the PROsine should attempt a restart.

Warning, Error, and Panel Fault Messages

The last 20 Warning and Error messages (and the last 10 Panel Fault messages) are recorded so you can view them for troubleshooting purposes. View messages by select-ing View Last 20 PROsine Faults (or View Last 10 Panel Faults) on the Diagnostics menu. Some Error messages appear as Internal Error nnnn where nnnn is the number of the error. If one of these errors causes the PROsine to shut down, attempt to restart the unit. If the error occurs again, call Xantrex. Other messages describe problems you can troubleshoot.

Troubleshooting

For details about Warning, Error, and Panel Fault messages, see the Troubleshooting section of the User’s Manual. If you need to contact Xantrex, please record what is required in the “Information About Your System” section of the manual before calling.

PROsine Default Values

Item	Default Value	Your Settings
NOTE		
At a minimum, configure the items marked with a ** after installation.		
Adjustable From the Configure PROsine—Basic Menu		
AC Breaker Size	15 amps	**
Adjustable From the Configure PROsine—Advanced Menu		
Load Sensing	Disabled	
Load Sense Power	100 Watts	
Load Sense Interval	1 second	
Low AC Transfer (V)	90V	
Low AC Transfer (Hz)	55Hz	
High AC Transfer (V)	130V	
High AC Transfer (Hz)	65Hz	
AC Series Mode	Standalone	
Inverter Low V Shutdown	10V	
Inverter Low V Warning	+0.5V	
Inverter Low V Restart Hysteresis (INV Low V Restrt Hyst)	2.5V	
Run Without Panel	NO	
Inverter Enabled on Reset Without Panel	Disabled	
Charger Enabled on Reset Without Panel	Disabled	
Auto Restart After Error	NO	**
Adjustable From the Configure Display Panel Menu		
Audible Alarm	OFF	
LCD Backlight Mode	Auto	
LCD Backlight Brightness	50%	
LCD Backlight Timeout	20 seconds	
Temperature	Fahrenheit	
Adjustable From the Configure Battery Menu		
NOTE		
Settings below are for Battery Type = Generic Gel.		
Battery Size	200Ah	**
Default Battery Temperature (Dflt Batt Temp)	Warm	
Battery Type	Generic Gel	**
Battery Temp Coefficient (Batt Temp Coeff)	-27mV/°C	
Mode Settings: Bulk	<ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Threshold Voltage • Threshold Timeout 	<ul style="list-style-type: none"> • 14.2V • 25% • 13.8V • 3min
Mode Settings: Absorption	<ul style="list-style-type: none"> • Max Voltage • Max Current (%C) • Max Timeout • Threshold Current (%C) • Threshold Timeout 	<ul style="list-style-type: none"> • 14.2V • 25% • 8hr • 1% • 3min

PROsine Default Values

Item	Default Value	Your Settings
Mode Settings: Overcharge	<ul style="list-style-type: none"> • 14.2V • 20% • 0 	
Mode Settings: Float	<ul style="list-style-type: none"> • 13.8V • 200% • 21days • 12.5V • 15min 	
Mode Settings: Equalize	<ul style="list-style-type: none"> • 13.8V • 200% • 0 • 0 • 0 	
Mode Settings: Constant	<ul style="list-style-type: none"> • Voltage Setpoint • Current Setpoint 	<ul style="list-style-type: none"> • 13.5V • 100A
Charger Mode	Standalone	
Charger Type	3-Step	
Charger High Battery V Warning Offset (CHG Hi V Warning Offset)	1.0V	

NOTE

The values opposite the gray bar are set when you select a battery type. If you did not subsequently change these settings, they do not need to be recorded.

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