

GenStar MPPT Meter Map

Four lighted triangular directional control keys allow movement to reach any desired point on the meter layout. A lit key indicates a valid direction in the layout. The current location is indicated on the display with a column heading, and a bold descriptor.

Using the horizontal arrows buttons, the user can scroll right to access more settings, or left to return to the previous screen. Pressing the down arrow button will move to the next lower listing. From a main screen, pressing the up arrow will return to the next main screen *up*. Scrolling down will continue to move through the subsequent main menu listings. Scrolling to the right, and then down, allows the user to advance to new options in branches and sub-branches. Scrolling to the left will return to the previous menu listing.

NOTE: Grayed lines indicate menus contingent on settings and conditions, e.g., Installer Mode.

MAIN MENU

- STATUS - down for Commands
 - * Faults
 - * Alarms
 - * Faults Today
 - * Alarms Today
 - * BMS Status
 - * State of Charge (%)
 - * State of Health (%)
 - * Battery Voltage (V)
 - * Battery Current (A)
 - * Battery Temp (C)
 - * Alarms/Warnings
 - * Battery LVD (V)
 - * Battery MFG
 - * Max. Charge Volts (V)
 - * Max. Charge Current (A)
 - * Max. Discharge Current(A)
 - * Target Regulation Voltage
 - * Batt Sense Voltage
 - * Batt Term Voltage
 - * Battery Temp
 - * Heatsink Temp
 - * IP Address
 - * LAN Gateway
 - * Time Server
 - * Hourmeter
 - * About
 - * IDs & Versions
 - * Model
 - * Serial Number
 - * Hardware Version
 - * Software Version
 - * Key
 - * Licensing

MAIN MENU

- COMMANDS - down for History
 - * Manual Equalize Start-Stop
 - * Disconnect-connect Charge
 - * Disconnect-connect Load
 - * Relay Blocks
 - * P1 RB - Relay A on/off
 - * P1 RB - Relay B on/off
 - * P2 RB - Relay A on/off
 - * P2 RB - Relay B on/off
 - * P3 RB - Relay A on/off
 - * P3 RB - Relay B on/off
 - * ESC Manual ON-OFF
 - * ESC Disable-Auto ESC Resume
 - * ESC Enable-Auto ESC Resume
 - * ESC E-Stop SET-RELEASE
{Only shown when ESC is running or E-Stop enabled}
 - * LVD Override
 - * Software Reboot {Reset Control}
 - * Clear Reset Counters
 - * Clear Total Counters
{Installer Mode Only}
 - * Clear Reset A-h Counter
 - * Clear Total A-h Counter
{Installer Mode Only}
 - * Factory Reset
{Installer Mode Only}

MAIN MENU

- HISTORY - down for Settings
 - * Event Log
 - * Event Records
 - * Clear All (Event Log) Filters
 - * Event Sources
 - * Time
 - * Graphs
 - * Battery Voltage
 - * Battery Net A-h
 - * Daily Records
- MAIN MENU**
- SETTINGS - down for Setup
 - * Profiles
 - * Battery Profile
 - * LVD-LVR Profile
 - * Charger
 - * Batt Bank Size
 - * Battery Current Limit
 - * Batt Shunt Required
 - * Abs Voltage
 - * Abs Time
 - * Abs Ext Threshold
 - * Abs Ext Time
 - * Float Voltage
 - * Float Time
 - * Float Timeout
 - * Float Exit Voltage
 - * Equalization Voltage
 - * Equalization Time
 - * Equalization Timeout
 - * Equalization Calendar
 - * Temp Comp. Coeff.
 - * Min. Comp. Temp.

- * Max Comp Temp
- * Max Reg Voltage
- * HVD
- * HVR
- * Low Temp 0% I charge
- * Low Temp 100% I charge
- * High Temp 100% I charge
- * High Temp 0% I charge
- * Abs. End-Amps
- * Abs. End-Amps Time
- * Fixed Vmp
- * Fixed %Voc
- * RTS Required
- * Load
 - * LVD
 - * LVR
 - * LVD/LSoCD Warn Time
 - * Load HVD
 - * Load HVR
 - * SOC Disconnect
 - * SOC Reconnect
 - * I Compensation
- * ReadyBlocks
 - * Pos 1 - ReadyRelay {if relay block in Pos. 1}
 - * Pos. 1 - ReadyShunt {if shunt block in Pos. 1}
 - * Shunt A Fullscale mV
 - * Shunt B Fullscale mV
 - * Shunt A Fullscale Amps
 - * Shunt B Fullscale Amps
 - * Shunt A Branch Type
 - * Shunt B Branch Type
 - * Shunt A Polarity

GenStar MPPT Meter Map

NOTE: Grayed lines indicate menu visibility contingent on settings and conditions.

¹ Only adjustable if DHCP is disabled

² Must enter installer password to adjust these settings. Installer password is entered in the last line of the Setup Main Branches

³ Only adjustable if custom battery profile is chosen

⁴ Only available if in Installer Setup

MAIN MENU

- SETTINGS (Cont.)-down for Setup
 - * Shunt B Polarity
 - * Pos 3 - ReadyRelay
 - * Pos 3 - ReadyShunt
 - * Network
 - * NetBIOS Name
 - * MAC Address
 - * DHCP/Static IP
 - * IP Address
 - * Subnet Mask
 - * Default Gateway
 - * Primary DNS
 - * Secondary DNS
 - * HTTP Port
 - * Ethernet Modbus Writes
 - * Ethernet Green Mode
 - * Modbus ID
 - * Modbus TCP/IP Port
 - * Date & Time
 - * Date
 - * Time

MAIN MENU

- SETUP - down for Display & Button
 - * Date & Time
 - * UTC Time
 - * Local Time Offset
 - * Time Source
 - * Network
 - * Modbus ID [1..247]
 - * Modbus IP Port
 - * HTTP Port
 - * Ethernet Modbus Writes
 - * Ethernet Green Mode

MAIN MENU

- SETUP (Cont.)
 - * Network (Cont.)
 - * DHCP
 - * Static IP¹
 - * Subnet Mask¹
 - * Gateway¹
 - * Primary DNS¹
 - * Secondary DNS¹
 - * SD Card & Logger
 - * Eject SD Card
 - * Copy Logs to SD
 - * Event Log
 - * Daily Log
 - * Delete Log Files
 - * Event Log
 - * Daily Log
 - * Delete Settings Files
 - * Delete Firmware Files
 - * Format
 - * Event Log
 - * Daily Log
 - * Clear Internal Logs
 - * Event Log
 - * Daily Log
 - * Charger²
 - * Solar Input Mode
 - * MPPT Mode
 - * Fixed Vmp
 - * Fixed %Voc
 - * Battery Info
 - * Battery Bank Size
 - * Battery Current Limit
 - * Battery Shunt Required
 - * Batt Profile-preset or custom
 - * Battery Profile Setup³ {only-seen if custom batt profile chosen}

MAIN MENU

- SETUP (Cont.)
 - * Max. Regulation Voltage
 - * Absorption Voltage
 - * Absorption Time
 - * Absorption Ext. Voltage
 - * Absorption Ext. Time
 - * Float Voltage
 - * Float Timeout
 - * Float Cancel Voltage
 - * Float Exit Voltage
 - * Equalize Voltage
 - * Equalize Time
 - * Equalize Timeout
 - * Equalize Interval
 - * Max. Equalize Current
 - * **Advanced Setup**
 - * HVD
 - * HVR
 - * Temp. Comp. Coeff.
 - * Min. Comp. Temp.
 - * Max. Comp. Temp.
 - * High Temp 100% Icharge
 - * High Temp 0% Icharge
 - * Low Temp 100% Icharge
 - * Low Temp 100% Icharge
 - * Abs End-Amps
 - * Abs End-Amps Time
 - * Load²
 - * LVD Profile
 - * LVD
 - * LVR
 - * LVD/LSoCD Warning
 - Time
 - * (+) Load HVD

- * (+) Load HVR
- * SOC Disconnect
- * SOC Reconnect
- * I Compensation
- * Firmware
 - * Load Firmware
 - * Load Firmware Backup
 - * Help
- * ReadyBlocks
 - * Pos. 1 - ReadyShunt {only seen if shunt block in Pos. 1}
 - * Shunt A Fullscale mV
 - * Shunt B Fullscale mV
 - * Shunt A Fullscale Amps
 - * Shunt B Fullscale Amps
 - * Shunt A Branch Type
 - * Shunt B Branch Type
 - * Shunt A Polarity
 - * Shunt B Polarity
 - * Pos 2 - ReadyShunt
 - * Pos 3 - ReadyShunt
- * Save & Load
 - * Save to SD Card
 - * Load from SD Card
- * Installer Password Exit⁴
- * Installer Setup
- DISPLAY & BUTTON
 - * Backlight Timer
 - * Brightness
 - * Contrast
 - * Auto-Scroll
 - * Auto-Cancel
 - * Soft-key Short Press
 - * Soft-key Press & Hold
 - * Temperature Units
 - * Language