

# XW CONFIGURATION SHEET

| SETTING           |  | DESCRIPTION  | DEFAULT VALUE  | YOUR SETTING |
|-------------------|--|--|--|--------------|
| INVERTER SETTINGS | Low Batt Cut Out                         | Select battery voltage below which batteries will be cut out | 44.0 Volts   |              |
|                   | LBCO Delay                               | Select the time delay before low battery cut out is engaged  | 15 minutes   |              |
|                   | Hi Batt Cut Out                          | Select the voltage above which batteries will be cut out     | 64.0 Volts   |              |
|                   | Search Watts                             | Select Watts at which level Search Mode triggers on          | 50.0 Watts   |              |
|                   | Search Delay                             | Select delay time before Search Mode triggers on             | 2 seconds  |              |
| CHARGER SETTINGS  | Batt Type                                | Select your battery type (FLOODED, GEL, AGM, etc...)         | Flooded  |              |
|                   | Custom Settings                          | Makes BATTERY CUSTOM SETTINGS screen visible                 | no default value   |              |
|                   | Eqz Support                              | Enable battery EQUALIZE function                             | Off  |              |
|                   | Eqz Voltage                              | Select maximum EQUALIZE voltage                              | 64.0 Volts   |              |
|                   | Bulk Voltage                             | Select maximum BULK charge voltage                           | 57.6 Volts   |              |
|                   | Float Voltage                            | Select maximum FLOAT charge voltage                          | 54.0 Volts   |              |
|                   | Absorp Time                              | Select maximum ABSORPTION time                               | 120 minutes  |              |
|                   | BattTempComp                             | Select battery temperature compensation coefficient          | 108 milli-Volts/Kelvin                                   |              |
|                   | Batt Capacity                            | Select battery bank capacity                                 | 440 Amp-Hours  |              |
|                   | Max Chg Rate                             | Select maximum charge rate                                   | 100 %  |              |
|                   | Charge Cycle                             | Select 2 or 3 stage charge cycle                             | 3-Stage  |              |
|                   | DefaultBAttTemp                          | Select system default battery temp setting                   | Warm   |              |
|                   | ReCharge Volts                           | Select voltage at which charger will initiate a charge cycle | 50.0 Volts   |              |
|                   | Absorp Time                              | Sets the maximum Absorption time                             | 120 minutes  |              |
|                   | ChgBlockStart                            | Select beginning time for charge disable block               | 4:00 PM  |              |
| ChgBlockStop      | Select end time for charge disable block | 9:00 PM  |  |              |
| AC SETTINGS       | AC Priority                              | Select which AC connection is the master connection          | AC1  |              |
|                   | AC1 Breaker                              | Select AC1 current limit                                     | 60 Amps  |              |
|                   | AC1 Lo Volt                              | Select lowest acceptable AC1 voltage                         | 106 Vac  |              |
|                   | AC1 Hi Volt                              | Select highest acceptable AC1 voltage                        | 132 Vac  |              |
|                   | AC1 Lo Freq                              | Select lowest acceptable AC1 frequency                       | 55 Hertz   |              |
|                   | AC1 Hi Freq                              | Select highest acceptable AC1 frequency                      | 65 Hertz   |              |
|                   | AC2 Breaker                              | Select AC2 current limit                                     | 30 Amps  |              |
|                   | AC2 Lo Volt                              | Select lowest acceptable AC2 voltage                         | 106 Vac  |              |
|                   | AC2 Hi Volt                              | Select highest acceptable AC2 voltage                        | 132 Vac  |              |
|                   | AC2 Lo Freq                              | Select lowest acceptable AC2 frequency                       | 55 Hertz   |              |
|                   | AC2 Hi Freq                              | Select highest acceptable AC2 frequency                      | 65 Hertz   |              |
|                   | GRID SUPPORT                             | Grid Supp Volts  | Battery voltage below which Grid Support will not engage | 53.0 Volts   |
| Sell              |  | Enables Grid Support function                                | Disabled   |              |
| Max Sell Amps     |  | Maximum current going to the GRID                            | 25 Amps  |              |
| Load Shave        |  | GRID load level at which XW begins to supplement power       | Disabled   |              |
| Load Shave Amps   |  | Maximum current available for LoadShave                      | 0 Amps   |              |
| LoadShaveStart    |  | beginning of time block at which LoadShave can occur         | 4:00 PM  |              |
| LoadShaveStop     |  | end of time block at which LoadShave can occur               | 9:00 PM  |              |
| GENERATOR SUPPORT | GenSup Mode                              | enables Generator Support function                           | Disabled   |              |
|                   | GenSup Amps                              | Generator current level at which Generator Support Starts    | 0 Amps   |              |
| AUX SETTINGS      | Manual Aux                               | Enables Auxiliary Output                                     | Manual Off   |              |
|                   | ActiveLvl                                | Active state for output signal                               | Active High  |              |
|                   | Trig Src                                 | Source signal which causes output to change state            | LowBAttV   |              |
|                   | Trigger Level                            | Voltage level which causes output to change state            | 42.0 Volts   |              |
|                   | Trigger Delay                            | Delay time before output changes state                       | 1 second   |              |
|                   | Clear Level                              | Voltage level at which output resets                         | 48.0 Volts   |              |
|                   | Clear Delay                              | Delay time before output resets                              | 1 second   |              |
| COPY FROM         |  | Allows settings to be copied from another unit               | no default value   |              |
| MULTI-UNIT CONFIG | Dev Name                                 | Select unique device Name for each unit                      | XW1  |              |
|                   | Dev Number                               | Select unique device number for each unit                    | 00   |              |
|                   | Inv Mode                                 | Select Master or Slave designation for each unit             | SplitPhMaster  |              |
|                   | AC1                                      | Select unique name for each AC connection on the system      | Grid 1   |              |
|                   | AC2                                      | Select unique name for each AC connection on the system      | Gen 1  |              |
|                   | DC Conn                                  | Select unique battery name for each battery bank on system   | HouseBatt1   |              |
|                   | AC Out                                   | Select unique name for each load on the system               | ACLoad1  |              |
| RESTORE DEFAULTS  |  | Restores all system default settings                         | no default value   |              |
| ADVANCED FEATURES | RPO                                      | Custom features <i>*typical</i>                              | Disabled   |              |
|                   | POWER SAVE                               | Custom features <i>*typical</i>                              | Disabled   |              |

## MPPT CONFIGURATION SHEET

| SETTING           |                               | TYPICAL SETTING   | DEFAULT VALUE          | YOUR SETTING |
|-------------------|-------------------------------|---|------------------------|--------------|
| CHARGER SETTINGS  | Batt Type                     | Select your battery type (FLOODED, GEL, AGM, etc...)          | Flooded                |              |
|                   | Custom Settings               | Makes BATTERY CUSTOM SETTINGS screen visible                  | no default value       |              |
|                   | Eqlz Support                  | Enable battery EQUALIZE function                              | Off                    |              |
|                   | Eqlz Voltage                  | Select maximum EQUALIZE voltage                               | 64.0 Volts             |              |
|                   | Bulk Voltage                  | Select maximum BULK charge voltage                            | 57.6 Volts             |              |
|                   | Absorp Voltage                | Select maximum ABSORP charge voltage                          | 57.5 Volts             |              |
|                   | Float Voltage                 | Select maximum FLOAT charge voltage                           | 54.0 Volts             |              |
|                   | Absorp Time                   | Select maximum ABSORPTION time                                | 120 minutes            |              |
|                   | BattTempComp                  | Select battery temperature compensation coefficient           | 108 milli-Volts/Kelvin |              |
|                   | Batt Capacity                 | Select battery bank capacity                                  | 440 Amp-hours          |              |
|                   | Max Chg Rate                  | Select maximum charge rate                                    | 100%                   |              |
|                   | Charge Cycle                  | Select 2 or 3 stage charging                                  | 3 stage                |              |
|                   | ReCharge Volts                | Select the voltage level at which a charge cycle is initiated | 50.0 Volts             |              |
|                   | Absorp Time                   | Select maximum ABSORPTION time                                | 120 minutes            |              |
|                   | Default Batt Temp             | Select default value for battery temperature                  | Warm                   |              |
| Batt Voltage      | Select system battery voltage | 48.0 Volts  |                        |              |
| INPUT SETTINGS    | MPPT AutoTrack                | Select battery voltage below which batteries will be cut out  | Disabled               |              |
|                   | MPPT Ref Volts                | Select the time delay before low battery cut out is engaged   | 100.0 Volts            |              |
| AUX SETTINGS      | Manual Aux                    | Enables Auxiliary Output                                      | Manual Off             |              |
|                   | ActiveLvl                     | Active state for output signal                                | Active High            |              |
|                   | Output Level                  | Active voltage level for output signal                        | 12.0 Volts             |              |
|                   | Trig Src                      | Source signal which causes output to change state             | LowBattV               |              |
|                   | Trigger Level                 | Voltage level which causes output to change state             | 42.0 Volts             |              |
|                   | Trigger Delay                 | Delay time before output changes state                        | 1 second               |              |
|                   | Clear Level                   | Voltage level at which output resets                          | 48.0 Volts             |              |
|                   | Clear Delay                   | Delay time before output resets                               | 1 second               |              |
| COPY FROM         |                               | Allows settings to be copied from another unit                | none                   |              |
| MULTI-UNIT CONFIG | Dev Name                      | Select unique device Name for each unit                       | MPPT                   |              |
|                   | Dev Number                    | Select unique device number for each unit                     | 01                     |              |
|                   | PV In                         | Select unique name for each solar array                       | SolarArray1            |              |
|                   | DC Conn                       | Select unique name for each battery bank                      | HouseBatt1             |              |
| RESTORE DEFAULTS  |                               | Restores all system default settings                          | no default value       |              |

## AGS CONFIGURATION SHEET

| SETTING            |                   | TYPICAL SETTING             | DEFAULT VALUE | YOUR SETTING |
|--------------------|-------------------|-----------------------------|---------------|--------------|
| ADVANCED SETTINGS  | QT                | Set according to user needs | Enabled       |              |
|                    | QT Begin          | Set according to user needs | 9:00 PM       |              |
|                    | QT End            | Set according to user needs | 8:00 AM       |              |
|                    | Gen Type          | Set according to user needs | 2             |              |
| TRIGGER SETTINGS   | Start DCV 30Sec   | Set according to user needs | 44.0 Volts    |              |
|                    | Strat DCV 15Min   | Set according to user needs | Disabled      |              |
|                    | Strat DCV 2hr     | Set according to user needs | Disabled      |              |
|                    | Strat DCV 24hr    | Set according to user needs | Disabled      |              |
|                    | Stop Float        | Set according to user needs | Enabled       |              |
|                    | Stop Absorp       | Set according to user needs | Disabled      |              |
|                    | Stop V            | Set according to user needs | Disabled      |              |
|                    | Temp1             | Set according to user needs | Disabled      |              |
|                    | Temp2             | Set according to user needs | Disabled      |              |
|                    | Load              | Set according to user needs | Disabled      |              |
|                    | Strt Load         | Set according to user needs | 15 Amps       |              |
|                    | Stop Load         | Set according to user needs | 10 Amps       |              |
| GENERATOR SETTINGS | Starter Cool Down | Set according to user needs | 60 Seconds    |              |
|                    | Gen Cool Down     | Set according to user needs | 30 Seconds    |              |
|                    | Gen Spin Down     | Set according to user needs | 3 Seconds     |              |
|                    | Max RunTime       | Set according to user needs | 4 Hours       |              |
|                    | Exercise Per      | Set according to user needs | 21 Days       |              |
|                    | Exercise Dur      | Set according to user needs | 30 minutes    |              |
|                    | Exercise Time     | Set according to user needs | 9:00 AM       |              |
|                    | Relay 3           | Set according to user needs | Not Used      |              |
|                    | Gen Run Hold Time | Set according to user needs | 0.5 Seconds   |              |
|                    | Crank Delay       | Set according to user needs | 0 Seconds     |              |
|                    | Crank Time        | Set according to user needs | 30 Seconds    |              |
|                    | Crank Retry Time  | Set according to user needs | 40 Seconds    |              |
|                    | Preheat time      | Set according to user needs | 0 Seconds     |              |
|                    | Gen Start Tries   | Set according to user needs | 3             |              |
| MULTI-UNIT CONFIG  | Dev Name          | Set according to user needs | AGS           |              |
|                    | Dev Number        | Set according to user needs | 00            |              |
|                    | DC Conn           | Set according to user needs | HouseBatt1    |              |
|                    | AC In             | Set according to user needs | Grid          |              |
|                    | AC Out            | Set according to user needs | ACLoad        |              |
|                    | Generator         | Set according to user needs | Gen1          |              |