

# 6000 WATT GRID TIED, BATTERY BACKED UP SYSTEM USING GTXF 3048 INVERTERS

SHOWN IS AN EXTERNAL AS WELL AS THE PS2AC AS THE AC SUB-PANEL. CHOOSE ONE OR THE OTHER

ALL GNDS ARE BONDED TO THE BACK PLATE THRU THE MOUNTING SCREWS

## MX60

SHOWN WITH PV & BAT NEGATIVES INTERNALLY CONNECTED TOGETHER

3000W ARRAYS  
48V OR 72V NOMINAL  
140VDC OPEN CIRCUIT MAXIMUM

TWO WIRE AUTO START 240 VAC GENERATOR

AUTOMATIC OR MANUAL TRANSFER SWITCH

GFCI OUTLET MAY BE REQUIRED

120/240VAC LOADS

NEUTRAL

120/240VAC GRID

200A  
GROUND NEUTRAL  
60  
LIGHTNING ARRESTOR

AC IN LEG 1

AC IN LEG 2

PS2AC

AC OUT LEG 1

AC OUT LEG 2

BOND GND BLOCK TO NEUTRAL AS REQ'D

EXTERNAL AC SUB-PANEL

48 VOLT BANK

GTXF 3048  
HUB 4  
MATE OR MATE2

TURBO STANDARD ON SEALED VERSIONS, NOT USED ON VENTED  
12V FAN INSIDE TURBO  
PS2DC -100  
DC POSITIVE  
LIGHTNING ARRESTOR

OBDC-GFP/2

100A  
100A  
COPPER BUS

BATTERIES  
RTS

B+ B-PV+  
B- B-PV-  
PV+  
PV-  
GND ROD

PSPV

PSPV

