



AC HOT OUT

NEUTRAL

AC HOT IN

BATTERY  
NEGATIVE

GENERATOR  
INPUT 15A  
MALE PLUG

UTILITY  
UTILITY  
UTILITY

INVERTER

120VAC  
12,24 or 48VDC

GFCI

NORMAL

BYPASS

BYPASS SWITCH  
50A

OUTPUT SWITCH  
50A

INVERTER AC INPUT DISCONNECT  
50A

LOAD 1

LOAD 2

LOAD 3

ON OFF 15A

ON OFF 15A

ON OFF 15A

ON OFF 15A

UTILITY

GENERATOR

GENERATOR SWITCH  
15A

UTILITY SWITCH  
50A

ON  
OFF

250A  
OR  
175A

BATTERY  
POSITIVE