

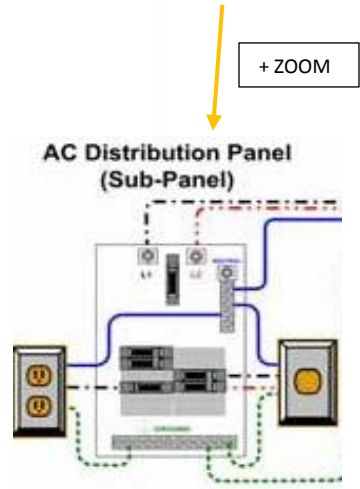
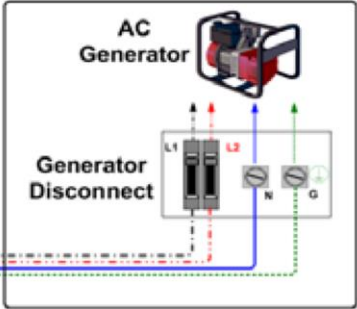
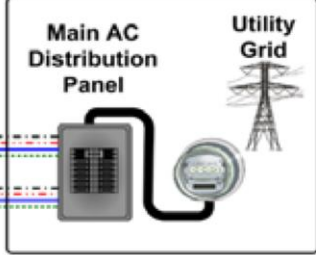
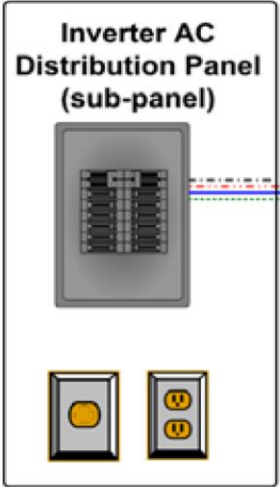
**Geneforce Power Systems Wiring Diagram - Wiring an External Bypass Switch and Sub Panel for 30A/120V Geneforce Units.**

**Install a Flanged Inlet 30A/120V**  
 (\*optional for quick disconnect)  
 (male to female cable required)  
 (For 30A/120V there is only one  
 HOT Line)

30A/120V single-  
 pole, 3 wire, 10/3  
 Twist Lock Input  
 Plug included.  
 (For 30A/120V  
 there is only one  
 HOT Line)

Geneforce recommends Eaton  
 EGSU200ACA ATS or similar. Manual  
 Transfer Switch is optional.

AC Output 120V



Automatic  
 Generator  
 Start Switch

Auxiliary Gas Generator  
 Optional for Load Shaving  
 and Redundancy.

**AC Output 1** One  
 30A/120V Twist-  
 Lock Output  
 Receptacle,  
 Single Pole, 3-  
 Wire 10/3 Cable.  
 (For 30A/120V  
 there is only one  
 HOT Line  
 (Breaker Box  
 Optional))

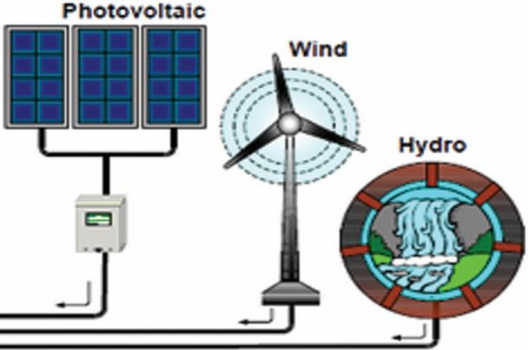
**AC Input 1**  
 Eight foot  
 Cable with  
 30A/120V  
 Twist-Lock  
 Input Plug,  
 Single Pole,  
 3-Wire  
 10/3 Cable  
 (Breaker  
 Optional)

**AC Input 2**  
 30A/120V  
 Single Pole,  
 3-Wire  
 10/3 Cable  
 (Optional)  
  
 AC Input 2 is  
 for optional  
 use. Used for  
 shaving loads  
 or providing  
 redundancy  
 with an  
 auxiliary gas  
 generator.

30A/120V (10/3) Male to Female Cable.  
 Connects to Flanged Inlet at Sub Panel for  
 quick disconnect. Flanged Inlet not included.  
 (For 30A/120V there is only one HOT Line)

| AC LEGEND |         |
|-----------|---------|
|           | Neutral |
|           | HOT L1  |
|           | HOT L2  |
|           | Ground  |

30A/120V Automatic  
 Transfer Switch /Relay  
 Included. Automatically  
 transfers power to loads  
 during power failures &  
 automatically resumes  
 charging when power is  
 restored.



30A/12V Solar Panel Charge  
 Controller or other Included

6-Gauge Positive  
 & Negative Cable used for  
 alternative Energy charging.  
 Gauge of Cable must  
 increase with length.

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