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## Emergency Power Systems

### Basic Components

- A. Critical Load Circuit Panel
  - 1. Used to separate critical and non-critical loads  
(Critical loads are loads you determine as needed)  
(Example: Well, Septic Pumps, Refrigeration)
- B. Transfer Switch
  - 1. Manual (Operated by hand)
  - 2. Automatic (Monitored & Operated Electrically)
- C. Primary Power Supply
  - 1. Hard wired direct from house panel
- D. Emergency Power Supply
  - 1. Manual (Cord & Plug Assembly)
  - 2. Automatic (Hard wired direct from Gen-set)

**Note:** Placement of Gen-set & Emergency Panel is as close as possible to house panel. Other placement of equipment is subject to extra charges.

### 5KW Emergency Panel (Manual) - No Generator

Components included with this package:

- A. 12 Circuit Critical Load Panel
- B. Manual Transfer Switch
- C. Emergency Power Inlet (Nema L14-30)  
(4wire;120/240V;30A;Twist-loc mounted outside)
- D. Critical loads determined by customer
- E. Customer to supply Generator and Appropriate Cord

### 5KW Emergency System (Manual) - With Gasoline Generator

Components included with this package:

- A. 12 Circuit Critical Load Panel
- B. Manual Transfer Switch
- C. Emergency Power Inlet (Nema L14-30)  
(4wire;120/240V;30A;Twist-loc mounted outside)
- D. Critical loads determined by customer
- E. 5KW Gasoline Generator
- F. 10' Cord to connect Generator to Inlet
- G. One year scheduled maintenance

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## **7KW Emergency System (Automatic) - With LP Generator**

Components included with this package:

- A. 12 Circuit Critical Load Panel
- B. Automatic Transfer Switch
- C. Critical loads determined by customer
- D. 7KW - LP/NG Generator
- E. 120 Gallon LP Tank
- F. Complete Installation & Checkout
- G. One year scheduled maintenance

## **12KW Emergency System (Automatic) - With LP Generator**

Components included with this package:

- A. 12 Circuit Critical Load Panel
- B. Automatic Transfer Switch
- C. Critical loads determined by customer
- D. 12KW - LP/NG Generator
- E. 120 Gallon LP Tank
- F. Complete Installation & Checkout
- G. One year scheduled maintenance

## **15KW Emergency System (Automatic) - With LP Generator**

Components included with this package:

- A. 12 Circuit Critical Load Panel
- B. Automatic Transfer Switch
- C. Critical loads determined by customer
- D. 15KW - LP/NG Generator
- E. 120 Gallon LP Tank
- F. Complete Installation & Checkout
- G. One year scheduled maintenance

## **Monthly Scheduled Maintenance**

Components included with this package:

- A. Monthly System Run & Check
  - 1. Physical Inspection
  - 2. System Run
  - 3. Scheduled to fit customer needs