

## Selecting Series C Power System

The Series C Power System provides +24 Vdc power to compatible assemblies in one or more cabinet sides.

### Series C power system parts

The power systems listed in the following table provide 24Vdc power to compatible assemblies in one or more cabinet sides. Each power system includes the following at a minimum:

- The metal enclosure that holds up to two power supplies and a 24 V backup assembly, if provided.
- An eight-connector interface at the top of the metal enclosure for six 24 Vdc power distribution connectors, one connector interface to C300 Controller memory battery backup assemblies, and one connector interface for power system alarm contacts.

Description	Model or Part Number
<b>Standard Power Systems</b>	
Power System (20A), redundant (2 power supplies), 120/240 VAC, with 24V Backup Battery Assembly	CC-PWRB01 (51199940-100)
Power System (20A), redundant (2 power supplies), 120/240 VAC	CC-PWRR01 (51199939-100)
Power Subsystem (20A), non-redundant (one power supply), 120/240 VAC	CC-PWRN01 (51199937-100)
<b>Spare/Loose Items</b>	
24V Backup Battery Rack (no batteries)	51199945-100
24V Backup Battery Kit (3 batteries and interconnecting cables)	51199946-100
20A Power Supply	51199299-100

### **Model CC-PWRB01 power system**

The model CC-PWRB01 power system has two 24 Vdc (20 amperes) output power supplies for redundancy as well as a 24V backup assembly. The battery backup assembly has rechargeable batteries and battery charger to sustain the 24 Vdc (20 amperes) output for up to 30 minutes in the event of an ac power input failure. Each 24 Vdc power supply can be powered by a separate ac power source (ac line or uninterruptible power supply), if desired. The output is 25 to 26 Vdc (20 amperes) while the ac input is present and 24 to 25 (20 amperes) while the battery backup is available.

### **Model CC-PWRR01 Power System**

The model CC-PWRR01 power system only has two 24 Vdc (20 amperes) output power supplies for redundancy and no 24V backup assembly to sustain the 24 Vdc output in the event of an ac power input failure. Each 24 Vdc power supply can be powered by a separate ac power source (ac line or uninterruptible power supply), if desired. The output is 25 to 26 Vdc (20 amperes) while the ac input is present.

### **Model CC-PWRN01 power system**

The model PWRN01 power system only has a single (non-redundant) 24 Vdc (20 amperes) output power supply and no 24V backup battery assembly to sustain the 24 Vdc output of the power system in the event of ac power input failure. The output is 25 to 26 Vdc (20 amperes) while the ac input is present.

### **24V Backup Assembly**

The 24 V backup assembly consists for one battery rack and one 24 V backup battery kit as described in the previous Series C power system parts section. When a 24V backup assembly is included in a power system installed in a cabinet, the battery rack is installed in the cabinet but the battery kit is shipped separately in a box for field installation.