PD5000 with Converter.

Inside the PD5000

120 V AC 30 Amp

Shore Cord

Ground Buss
Neutral Buss

AC Main Breaker 30

Branch AC Breakers 20 15 15

DC Fuses

DC powered items. Lights Water pumps Slide outs controls

Converter Charger

12.6 to 14.4 VDC Output

Plugged into 120VAC outlet

Chassis or RV or Trailer

- Black AC Hot carries AC current.
- White AC Neutral carries AC current
- Red DC positive carries DC current
- Blue DC negative carries DC current
- Green Safety grounds Do not carry current unless there is a fault.
AC Current flow path

Inside the PD5000

Black AC Hot carries AC current.

White AC Neutral carries AC current

Red DC positive carries DC current

Blue DC negative carries DC current

Green Safety grounds Do not carry current unless there is a fault.

120 VAC 30 Amp

Shore Cord

Ground Buss

Neutral Buss

AC Main Breaker

Branch AC Breakers

DC Fuses

12.6 to 14.4 VDC Output

Converter Charger

Plugged into 120VAC outlet

DC powered items.
Lights
Water pumps
Slide outs controls

Chassis or RV or Trailer

120 VAC 15 20 15 30 AC Current flow path
PD5000 with Converter.

Inside the PD5000

- **Ground Buss**
- **Neutral Buss**
- **AC Main Breaker**:
  - 30 Amp
- **Branch AC Breakers**:
  - 20 Amp
  - 15 Amp
  - 15 Amp
- **DC Fuses**
  - Connector on side of 5000

DC Current flow

- **Black AC Hot** carries AC current.
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**PD5000**

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**Chassis or RV or Trailer**

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  - Lights
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