



START PAC

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Voltage Reduction Unit

- Patent Pending



VRU 600

Most aircraft, fixed wing and helicopters, have over voltage protection relays to protect aircraft systems from damage due to high voltages from GPU's. Unfortunately, there is no industry standard for the setting of these relays but most are 30 to 31 volts. Some GPU's can range from 28 to 30 volts depending on brand and age. A 28 volt battery pack such as the Start Pac 6028QC will actually read 30.5 volts when fully charged.

One example of an aircraft that is set at an unusually low value is the Eclipse 500 at 29 volts. At many airport facilities, the GPU's exceed this value.

Therefore, the above Start Pac voltage reduction unit, when connected between the GPU and the aircraft, will lower the voltage by 0.6V. This voltage drop in many cases will allow the aircraft to accept the GPU.

Specifications

- L 11" x 9" W x 5.75"H/ L 28cm x W 23cm x H 15cm
- Weight 8.4 lbs.

VRU 1200

Most aircraft, fixed wing and helicopters, have over voltage protection relays to protect aircraft systems from damage due to high voltages from GPU's. Unfortunately, there is no industry standard for the setting of these relays but most are 30 to 31 volts. Some GPU's can range from 28 to 30 volts depending on brand and age. A 28 volt battery pack such as the Start Pac 6028QC will actually read 30.5 volts when fully charged.

One example of an aircraft that is set at an unusually low value is the Eclipse 500 at 29 volts. At many airport facilities, the GPU's exceed this value.

Therefore, the above Start Pac voltage reduction unit, when connected between the GPU and the aircraft, will lower the voltage by 1.2V. This voltage drop in many cases will allow the aircraft to accept the GPU.

Specifications

- L 11" x 9" W x 5.75"H/ L 28cm x W 23cm x H 15cm
- Weight 8.4 lbs.