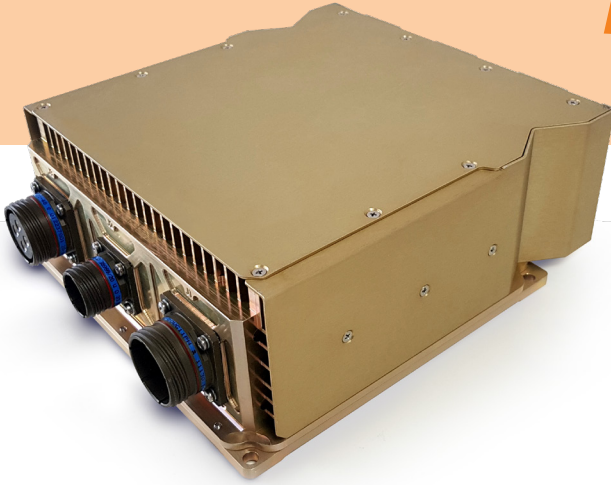


Palladium: A Powerful Generator Control Unit (GCU)



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Ping

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- UAV
- Electric aircraft
- Electric vehicles

Precisely regulating the aircraft's DC supply

The Palladium transforms a permanent-magnet generator's variable amplitude and varying frequency output to well-regulated DC.

Multiple Palladium units can share the aircraft's DC supply precisely, forming a redundant system where a faulty device may cut itself off and transfer the load to the other.

Various safety considerations are implemented to protect and eliminate fault effects. The GCU power, dimensions, and cooling can be customized according to the customer's needs.

Main Features

- Point-of-load output voltage regulation
- Precise load sharing between paralleled unit
- Fast dynamic response
- Tight tolerance for output voltage, low ripple
- Smooth transition from external power to generated power
- Wide temperature range of operation, self-cooling by controlled fans
- Low weight
- Compact footprint

Applications

- UAV
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Challenge us with your needs: Marketing@gevasol.com