

Honeywell

THE POWER OF **CONNECTED**

ELECTRIC POWER SYSTEMS

60 kVA Generator



Increased Power Density Generation System for the UH-60 Platform

Demonstrated Battlefield Performance

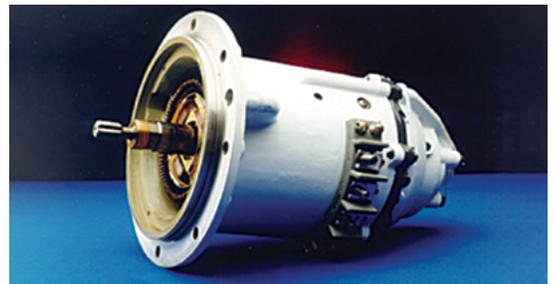
- Honeywell's electric power generators and voltage regulators have supported aerospace for over 60 years.
- Current applications include: UH-60, AH-64, V-22, CH148 Cyclone, S-92, AW139, AW149, AW189, CH-53

60 kVA Generator Program

- 33% Increase in power from 45 kVA to 60 kVA
- Drop in replacement for existing generator
- Same diameter and a small increase in generator length (~1/3 inch)
- Mature design that provides a low risk product upgrade
- Same proven performance and reliability as existing 45 kVA system
- Improved power density
 - 45 kVA Generator Weight = 28.3 lbs (1.59 kVA/lb)
 - 60 kVA Generator Weight = 35.5 lbs (1.69 kVA/lb)
- Same aircraft installation (no new hardware required)
- Fits and operates in the same environment
- Same generator and GCU heat losses
- Same generator oil flow
- No impact to gearbox (same gearbox characteristics)
- No new wiring harness required for a new GCU

Generator Control Unit (GCU)

- No modification to the GCU
- Re-use as is
- Same form, fit and function



Honeywell Electric Power Advantages

- Supplied (via the Bendix and Allied-Signal brands) over 250,000 powergeneration systems in both AC and DC applications for over 60 years.

Honeywell's Power Generation Benefits

- Field proven power generation expertise combined with our superior power management and power distribution capabilities will facilitate the optimization of your fleet
- Honeywell's Systems Integration Laboratory will assist in optimizing your mechanical and electrical systems solutions (e.g. engine, environmental controls, sensors, navigation system, etc.).

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