



PBI HDC 72/270 MS

APS ENERGIA PROVIDES COMPLETE
GROUND POWER UNIT SOLUTIONS
FOR MILITARY APPLICATION,
ESPECIALLY FOR FIGHTER AIRCRAFTS

The depth of our technical understanding combined with experiences gained by supplying the Military Aircrafts for over 15 let us to design the ground power units for the most advanced 5th generation fighter F-35.

GPU types:

- **HPI : 400 Hz AC - compatible with F-16**
- **HDC : 270 VDC - compatible with F-35**

General information:

- Output nominal voltage: 270 VDC
- Nominal power: 72 kW (267 A)
- Interlock: 28 VDC (15 A)
- Input voltage: 3x400 VAC (50 Hz)
- Rated input current: 112 A
- Overload
 - 100% continuous operation
 - 150% for 5 seconds
 - 200% for 1 second
 - 250% for 50 milliseconds

Protections:

- Protection class: IP 55
- Short circuit
- Overload
- Overtemperature (internal, ambient)
- Internal system error (general, warning)
- Over/under voltage (input and output)
- Leakage current supervision

Environmental conditions:

- Operating temperature: -40 °C to +55 °C
- Humidity: 0-95 %
- Noise level: <65 dB

Main features:

- High reliability
- Galvanic isolation of inputs and outputs
- Perfect fit for the military hangar (compact design, high power density)
- Easy integration and installation
- Easy maintenance and serviceability
- Highly customizable
- Flexible in-built features

What after sales?

- 24 hours hot-line
- Global service team support
- Training sessions
- Availability of spare parts and service support for 20 years
- Extended warranty

More than just a product:

- Consulting during early stage of project
- Engineering, assembly, testing and commissioning
- Planning and installation
- Unloading, unpacking, set-up, installation

Standards:

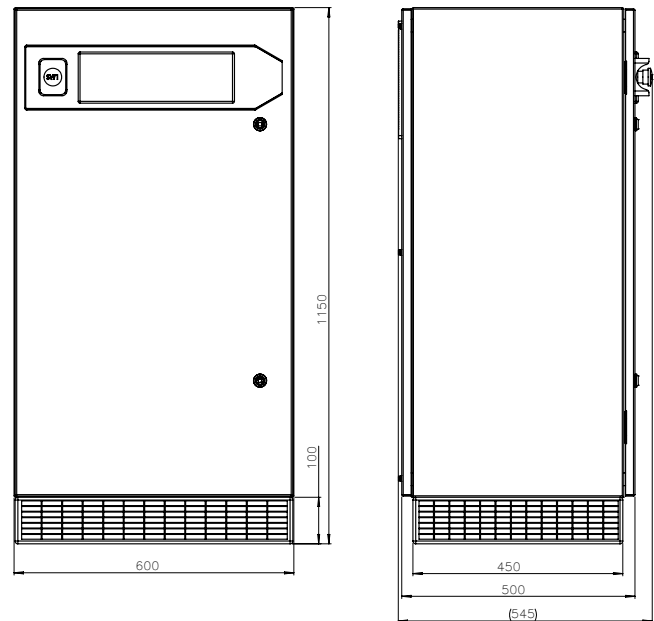
- F-35 Ground Electrical Power, Interface Document: 2ZEU00004, REV-0007
- MIL-STD-704F
- UFGS-26 35 43 Unified Guide Specification
- UFGS-26 35 44 Unified Guide Specification
- NFPA 70 Article 500
- UL 1012



KOD NCAGE:
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Dimensions:



Front view

Side view

