

AMV series 400Hz Power Supply / Ground Power



The AMV series is a complete line of ground power developed for applications in aerospace and defense. The units come with compact size and can provide high quality 400Hz to aircrafts or components in hangars, repair stations, assembly station, factory and airports. 800Hz output customization is also available under request. The high protection level makes AMV ideal for outdoor use.

Output voltage of the AMF series is 115/200V fixed or with an adjustable range of 15V. Users can select between output frequency 400Hz fixed or 300~500Hz adjustable. With overload drive capability and IP54 protection level, the AMV series is ideal for motor, aerospace and military types of application. There are stand-alone and trailer type models for different applications.

O/P Power

- Three Phase 30-180kVA

O/P

- 115/200V Fixed
- 115/200V \pm 15V
- 115/200V \pm 20% (Optional)
- 127/220V \pm 10% (Optional)
- 240/415V \pm 10% (Optional)

O/P Freq.

- 400Hz Fixed
- 300-500Hz

Interface

- RS485 (Optional)

[Catalog](#)

Product Features

Stand-alone or trailer type models

Overload drive capability: 125% for 600secs, 150% for 30secs, 200% for 10secs and other extended overload options

User-friendly VFD display and user interface with higher protection level

High protection level of IP54 with specially selected and coated components to increase working temperature range to -40°C ~ 55°C

Higher power density reducing size and weight for easier movement

Optional dual output for multiple loads applications

Comprehensive protection includes over voltage, over current, over load, input under voltage and over temperature with over 20 corresponding error codes and event log for easier trouble shooting

Emergency stop button to shut down output immediately

Optional RS-485 interface available

Patented power module design with compact size for easier maintenance and high power density

Follows standards of MIL-STD-704, GJB181A and GJB572A

More Information: AC Power Source series products | Preen power supply design company