

Professional Designer & Manufacturer of Aviation Ground Power Supply



Interfaces



Alarm



IGBT intelligent output



VFD



LED



Patent

ZL2004 2 0073161.5

Digital Controlled Amplifying Device Suitable for Power Frequency and Intermediate Frequency Signal(with Digital Power Supply) Processing

200720029327.7 Shock Resistance PWM Inverter Circuit

Aviation Ground Power Supply



Technical Features:

- 400Hz Intermediate Frequency Power Supply 或 28.5V DC Power
- Outdoor Version, IP55 of Protection level
- Far-end Voltage Drop Compensation Function
- High Reliability and Convenient & Swift in Maintenance
- Aircrafts Inter lock power Supply Function
- Operation Environment Temperature: -25°C~45°C
- Communication Interface □ RS232/485

Stationary Indoor Type

Capacity	AN17060R	AN17090R	AN17120R	AN17150R	AN17180R
Output Capacity	60kVA	90A	120kVA	150kVA	180kVA
Rated Current Output	174A	261A	348A	435A	522A
Dimension W × H × D (mm)	1650 × 600 × 1100			2000 × 900 × 1700	

Stationary Outdoor Type

Capacity	AN17060F	AN17090F	AN17120F	AN17150F	AN17180F
Output Capacity	60kVA	90A	120kVA	150kVA	180kVA
Rated Current Output	174A	261A	348A	435A	522A
Dimension W × H × D (mm)	1650 × 600 × 1100			2000 × 900 × 1700	

Trailer

Capacity	AN17060T	AN17090T	AN17120T	AN17150T	AN17180T
Output Capacity	60kVA	90A	120kVA	150kVA	180kVA
Rated Current Output	174A	261A	348A	435A	522A
Dimension W × H × D (mm)	1650 × 600 × 1100 without Trailer dimension			2000 × 900 × 1700 without Trailer dimension	

Bridge Type

Capacity	AN17060B	AN17090B	AN17120B	AN17150B	AN17180B
Output Capacity	60kVA	90A	120kVA	150kVA	180kVA
Rated Current Output	174A	261A	348A	435A	522A
Dimension W × H × D (mm)	1650 × 600 × 1100			2000 × 900 × 1700	

Capacity	Stationary Indoor Type	Stationary Outdoor Type	Trailer	Bridge Type
AC characteristics	AC Input	380V ± 40V 3-phase 3-line Input		
	Input Voltage	50Hz ± 5Hz		
	Input Frequency	Rated Output Voltage: 115V Adjustable Output Voltage: 100V ~ 130V		
	Output Voltage	400Hz ± 0.4Hz		
	Output Frequency	Meet with MH / T 6018-1999 requirement		
Instantaneous characteristics				
THD	≤3%			
Crest Factor	1.41 ± 0.10			
Single Harmonic Value	≤3%			
Voltage Modulation Range	≤2.5V			
Display	Voltage	(Highest) Resolution 0.1V MFE(Max.Permissible Error): ± 1V		
	Current	(Highest) Resolution 0.1A MFE(Max.Permissible Error): ± 2.5%		
Efficiency	≥85%			
Unbalance on Three Phase	Efficiency ≤3V			
Phase Displacement	120° ± 2° (Under Symmetric load and dissymmetric load of 10%rated current)			
Preset function	Preset output voltage,output frequency,output voltage upper and lower percent			
Memory function	Memory voltage,frequency preset value			
Alarm function	Alarm signal after protection action			
Work Time Record	(Highest) Resolution 1 min MFE(Max.Permissible Error): ± 1%			
Protection Function	Input lack-phase protection,input short-circuit protection,over-heat protection,Output lack-phase protection			
Over load capacity	Within 120% can continues run,when125%600s cut, 150% 60s cut,200%15s cut.(Remark:Load of power factor is 0.8)			
Noise	≤70dB (A)			
Display Mode	LED			
Chassis Mode	Vertical Type		Bedding(With Mobile Trailer)	Horizontal bridge Type
Case Protection Class	IP2X		Category I Class 3(Anri-in GJB 1440)	
Accessories Optional	① Aircraft Ground Connector (PJ500B) ② Aviation Cable			

Exceeding & Trustworthy