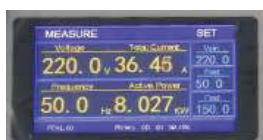


AC Power Supply

Single Phase Output AC Power Supply ATS-1000 series (Eco type)

Features

- High frequency SPWM hardware adjustment technology with rapid response speed and stable output
- High power MOS/IGBT drive with reliable operation and high over-load cap.
- Applicable for various loads such as resistive, inductive and rectifier loads
- Protection function : over heat, over current and short circuit abnormality
- With parameter memory function and shortcut key operation mode, easy and convenient to operation
- Power source voltage is adjustable on-line and output frequency is selectable
- Adopting very bright LED display, which is clearly visible, with large viewing angle, suitable to be used for production line
- Having RS-232 communication interface and baud rate can reach 9600



LCD Colour display



ATS-1001



ATS-1005

Ordering Information

ATS-1000:	500VA	ATS-1001:	1kVA
ATS-1002:	2kVA	ATS-1003:	3kVA
ATS-1005:	5kVA	ATS-1010:	10kVA
ATS-1015:	15kVA	ATS-1020:	20kVA

Standard Accessories:

- Power cord, User manual
- RS-232 Communication cable

Optional Accessories:

- RS-485, PLC interface
- Customized as required

Specifications:

Model	ATS-1000	ATS-1001	ATS-1002	ATS-1003	ATS-1005	ATS-1010	ATS-1015	ATS-1020
Capacity	500VA	1kVA	2kVA	3KVA	5KVA	10KVA	15KVA	20KVA
Output Current (A)								
240V (High gear)	2.08	4.16	8.33	12.50	20.83	41.66	62.50	83.30
120V (Low gear)	4.16	8.33	12.50	20.83	41.83	62.50	83.30	125.00
Input power	Single-phase, 220V±10%, 50Hz ± 5Hz						3phase 4 wire + PE, 380V ±10%, 50Hz	
Output voltage	Low gear 1.0 ~ 150.0V High gear 150.1 ~ 300.0V							
Output Frequency	45Hz ~ 400Hz, Resolution 0.1Hz, fixed frequency output : 50Hz, 60Hz, 400Hz							
Frequency stability	0.1%							
Voltage stability	1%							
Distortion degree	2% (THD)							
Crest factor	1.41 ± 0.10							
Source volt effect	1%							
Load effect	1%							
Efficiency	90% (For 3kVA and the capacity below is 80%)							
Frequency display	Four-digit LCD, resolution 0.1Hz							
Voltage display	Four-digit LCD, resolution 0.1V							
Current display	Four-digit LCD, resolution 0.001A/0.1A							
Power display	Four-digit LCD, resolution 0.01W/0.1kW							
Power factor display	Three-digit LCD, resolution 0.01							
Pre-setting function	Preset output voltage, output frequency and fluctuation percentage interval of output volatge, Upper limit of output current							
Short cut function	Common voltage, frequency conversion							
Alarmig function	The protective device function to generate alarming (audio & video) signals and display fault code							
Over-heat protection	The temperature of power device is higher than 85 °C ± 5 °C							
Over-load capacity	15s, 5s over load protection							
Interface	RS-232 (standard)							
Protection degree of enclosure	IP20							
Machine case structure	Desk-top (500VA, 1kVA), Cabinet type (with casters)							
Working enviroment	Temperature : -10 °C ~ + 40 °C; relative humidity : 10% ~ 90% (40 °C)							