

DSF²POWER

MCU DIGITAL CONTROL DC-AC INVERTER

Features :

- High Speed MCU Digital Control
- Power MOSFET, Force Air Cooling
- Switch Mode Operation, High Efficiency (~90%)
- True Continuous Rated Power Without Overheating
- Fully Protected: OTP, OVP Short Circuit
- DC Input Polarity Reverse Protection
- Low Input Voltage Drop Out
- Multifunction Panel LED Indicators and Buzzer Alert
- Good Load & Line Regulations, Modified Sine AC Output
- Blue Anodized Aluminium Housing, with Mounting Clips

DA-300



The Merge of Power Electronic Technology and Digital Signal Processing Control

More Stable, Reliable, Efficient



DA-600



DA-1200

Model No.	DC Input	AC Output	Rated Power	Max. Power
DA-300-12-2	12V	220V	250W	300W
DA-600-12-2			500W	600W
DA-1200-12-2			1000W	1200W
DA-300-12-1		110V	250W	300W
DA-600-12-1			500W	600W
DA-1200-12-1			1000W	1200W
DA-300-24-2	24V	220V	250W	300W
DA-600-24-2			500W	600W
DA-1200-24-2			1000W	1200W
DA-300-24-1		110V	250W	300W
DA-600-24-1			500W	600W
DA-1200-24-1			1000W	1200W



利安創科有限公司

NEURON TECHNOLOGY LIMITED

香港新界火炭穗禾路1號豐利工業中心8樓4室

Room 21, 8/F., Goldfield Industrial Centre, 1 Sui Wo Road, Fo Tan, Shatin, N.T. Hong Kong

Tel.: (852) 2688 6400, 2688 6403

Fax: (852) 2688 6404

E-mail: enquiry@neuron.com.hk

Web Site : www.neuron.com.hk

DA SERIES DC-AC INVERTER

FEATURES

- High Speed MCU Digital Control
- Power MOSFET, Force Air Cooling
- Switch Mode Operation, High Efficiency (~90%)
- True Continuous Rated Power Without Overheating
- Fully Protected: OTP, OVP Short Circuit
- DC Input Polarity Reverse Protection
- Low Input Voltage Drop Out
- Internal Input Fuse Protect
- Multifunction Panel LED Indicators and Buzzer Alert
- Good Load & Line Regulations, Modified Sine AC Output
- Blue Anodized Aluminium Housing, with Mounting Clips

SPECIFICATION

Model Number	DA-300-12-2	DA-600-12-2	DA-1200-12-2	DA-300-12-1	DA-600-12-1	DA-1200-12-1
DC Input	12VDC nominal (10-15V)					
AC Output (rms)	220V \pm 5%			110V \pm 5%		
Output Frequency	50Hz \pm 3%			60Hz \pm 3%		
Output Waveform	Modified Sine					
Line Regulation	0.5%					
Load Regulation	3%					
Efficiency	90% @ Full Load					
Rated Power	250W	500W	1000W	250W	500W	1000W
Max. Power	300W	600W	1200W	300W	600W	1200W
No Load Current	400mA	400mA	500mA	400mA	400mA	500mA
Surge Power	500W	1000W	2000W	500W	1000W	2000W
Operating Temperature	5 - 55°C					
Size W x H x L (mm)	120x68x198	120x68x336	120x136x336	120x68x198	120x68x336	120x136x336
Weight	1.5kg	2.3kg	4kg	1.5kg	2.3kg	4kg

Model Number	DA-300-24-2	DA-600-24-2	DA-1200-24-2	DA-300-24-1	DA-600-24-1	DA-1200-24-1
DC Input	24VDC nominal (20-30V)					
AC Output (rms)	220V \pm 5%			110V \pm 5%		
Output Frequency	50Hz \pm 3%			60Hz \pm 3%		
Output Waveform	Modified Sine					
Line Regulation	0.5%					
Load Regulation	3%					
Efficiency	90% @ Full Load					
Rated Power	250W	500W	1000W	250W	500W	1000W
Max. Power	300W	600W	1200W	300W	600W	1200W
No Load Current	400mA	400mA	500mA	400mA	400mA	500mA
Surge Power	500W	1000W	2000W	500W	1000W	2000W
Operating Temperature	5 - 55°C					
Size W x H x L (mm)	120x68x198	120x68x336	120x136x336	120x68x198	120x68x336	120x136x336
Weight	1.5kg	2.3kg	4kg	1.5kg	2.3kg	4kg

Neuron Technology Ltd.

Room 21, 8/F., Goldfield Industrial Centre, 1 Sui Wo Road, Fo Tan, Shatin, N.T. Hong Kong

Tel. (852) 2688 6400

Fax. (852) 2688 6404

Email: enquiry@neuron.com.hk

Home Page: <http://www.neuron.com.hk>