

DAI Series DC- AC Inverter

Features:

- Microcontroller Integrated
- Compact Design with Aluminum Housing
- LED Indicators for Inverter States
- Input & Output Fully Isolation
- Intelligent Temp & Load Cooling Fan
- Multi Pre-Alarm & Shutdown Alarm Protections:
Battery Type Detection / Polarity Reverse /
Low Voltage Short Circuit / Overheat / Overload



Specifications

MODEL		DAI12015 DAI24015	DAI12015U DAI24015U	DAI12030 DAI24030	DAI12030U DAI24030U	DAI12060 DAI24060	DAI12060U DAI24060U
System							
Continuous Power		150W		300W		600W	
Surge Power		450W		900W		1500W	
Output Voltage		100/110/120 VAC; 220/230/240 VAC					
Output Waveform		Modified Sine Wave					
Output USB Port		-	5VDC, 0.5A	-	5VDC, 2.1A	-	5VDC, 2.1A
Standby Current (Normal)	DC 12V	< 0.3A		< 0.5A			
	DC 24V	< 0.2A		< 0.3A			
Output Regulation		< ±5% Intelligent AVR					
Output Frequency		50/55/60 Hz Crystal Controlled					
Input Voltage		DC 12V: 10~15V; DC 24V: 20~30V					
Efficiency		>90%				>85%	
Protection							
Input Type Auto-Detection		YES					
Input Polarity Reverse Prot.		Fuse					
Input Low Voltage Prot.	DC 12V	< 11V Pre-Alarm, < 10V Shutdown		< 10.5V Pre-Alarm, < 9.5V Shutdown & Alarm			
	DC 24V	< 21V Pre-Alarm, < 20V Shutdown		< 21.5V Pre-Alarm, < 20V Shutdown & Alarm			
Short Circuit Prot.		YES					
Overheat		60°C Pre-Alarm, > 65°C Shutdown & Alarm					
Overload	Pre-Alarm	>150W		>300W		>630W	
	Auto-off & Alarm	>160W		>350W		>660W	
Cooling		Air Convection			Intelligent Fan		
Mechanical							
Fuse	DC 12V	15A x 1PCS		35A x 1PCS		25A x 3PCS	
	DC 24V	10A x 1PCS		20A x 1PCS		15A x 3PCS	
AC Outlets		1 IEC**					
Dimension (L x W x H) (mm)		120 x 72 x 58 mm		142 x 72 x 58 mm		215 x 113 x 62 mm	
Net Weight		0.46 kg		0.75 kg		1.5 kg	
RC (Standard) Accessory		-					

* Product specifications are subject to change without further notice

** כולל אביזר המרה לשקע ישראלי זוגי (קופלונג)



MODEL		DAI12100 DAI24100	DAI120150 DAI240150	DAI12200 DAI24200	DAI12250 DAI24250	DAI12300 DAI24300
System						
Continuous Power		1000W	1500W	2000W	2500W	3000W
Surge Power		2400W	3000W	4000W	5000W	6000W
Output Voltage		100/110/120 VAC; 220/230/240 VAC				
Output Waveform		Modified Sine Wave				
Standby Current (Normal)	DC 12V	< 0.6A	< 0.7A	< 0.8A		< 1.0A
	DC 24V	< 0.5A	< 0.6A	< 0.7A		< 0.9A
Output Regulation		< ±5% Intelligent PWM				
Output Frequency		50/55/60 Hz Crystal Controlled				
Input Voltage		DC 12V: 10~15V; DC 24V: 20~30V				
Efficiency		>85%				
Protection						
Input Type Auto-Detection		YES				
Input Polarity Reverse Prot.		Fuse				
Input Low Voltage Prot.	DC 12V	< 10.5V Pre-Alarm, < 9.5V Shutdown & Alarm		DC 12V: < 10.5V Pre-Alarm, < 9.5V Shutdown & Alarm		
	DC 24V	< 21.5V Pre-Alarm, < 20V Shutdown & Alarm		DC 24V: < 21.5V Pre-Alarm, < 20V Shutdown & Alarm		
Short Circuit Prot.		YES				
Overheat		60°C Pre-Alarm, > 65°C Shutdown & Alarm				
Overload	Pre-Alarm	>1000W	>1500W	>2000W	>2500W	>3000W
	Auto-off & Alarm	>1100W	>1600W	>2100W	>2600W	>3100W
Cooling		Intelligent Fan				
Mechanical						
Fuse	DC 12V	20A x 6PCS	25A x 8PCS	20A x 12PCS	25A x 12PCS	25A x 16PCS
	DC 24V	10A x 6PCS	15A x 8PCS	10A x 12PCS	15A x 12PCS	15A x 16PCS
AC Outlets		1 IEC**		2 IEC**		
Dimension (L x W x H) (mm)		340 x 135 x 79 mm	400 x 135 x 79 mm	356 x 136 x 148 mm		416 x 136 x 148mm
Net Weight		2.5 kg	3.3 kg	4.5 kg		5.9 kg
RC (Standard) Accessory		YES				

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