

Invertek - DC/AC Inverter High Frequency – Model Numbers

D A I – 0600H – 12 1 A





DC-AC
AC-DC
DC-DC

INVERTEK

0600 WATT
1000 WATT
1500 WATT
2500 WATT

INPUT
12 VDC
24 VDC
48 VDC

OUTPUT
1 – 110 V
2 – 220 V

TYPE	
A – N. American	
B – U.K.	
C – Australia	
D - Europe	

Invertek High Frequency – Specifications

Invertek Model No.	DAI-600H-12xx DAI-600H-24xx	DAI-1000H-12xx DAI-1000H-24xx	DAI-1500H-12xx DAI-1500H-24xx	DAI-2500H-12xx DAI-2500H-24xx
Continuous Output power	600W	1000W	1500W	2500W
Output power surge	800W	1400W	2000W	3500W
AC Output voltage	100/110/120V \pm 2% 220/230/240V \pm 2% DIP switch select			
Output voltage Regulation	-8% / \pm 3% All models			
Output frequency	50 / 60 Hz selectable \pm 0.05% Accuracy			
Output Wave form	Pure Sine Wave < 3% THD			
Efficiency (Full Load)	84%	85%	85%	86%
No Load power consumption	<1.5W (In power saving mode.)			
Input voltage range	10V – 16VDC,20V-32VDC			
Power saving recovery time	1 second			
AC Transfer time (UPS-mode)	<10msec max			
LED status indicators	High/Low battery shutdown, over temperature shutdown, overload shutdown / input DC voltage scale meter & output watts percent scale meter.			
Protection Feature * Remote controller option.	Over load, short circuit, over/under input voltage, over temperature, reverse input polarity (by fuse).			
RS485 Remote controller	Power output ON/OFF, power saving mode, reset, error message, ...etc.			
Operation temperature range	0~50°C (32°F~122°F)			
Storage temperature range	-30°C~70°C (-22°F ~158°F)			
Dimensions (L xW xH) mm	370x270x120	470x270x120	530x270x120	530x270x190
Weight	15.97 (Lbs.) 6.7 (Kgs)	20.39 (Lbs.) 9.28 (Kgs)	23.36 (Lbs.) 10.6 (Kgs)	40.98 (Lbs.) 18.55 (Kgs)

* Remote controller is optional.

Invertek - DC/AC Inverter Low Frequency – Model Numbers

D A I – 0150L – 12 1 A





DC-AC
AC-DC
DC-DC

INVERTEK

0150 WATT
0300 WATT
0600 WATT
0800 WATT
1000 WATT
1500 WATT

INPUT
12 VDC
24 VDC
48 VDC

OUTPUT
1 – 110 V
2 – 220 V

TYPE	
A – N. American	
B – U.K.	
C – Australia	
D - Europe	

Invertek Low Frequency – Specifications

Invertek Model No.	DAI-0150L-12xx DAI-0150L-24xx	DAI-0300L-12xx DAI-0300L-24xx	DAI-0600L-12xx DAI-0600L-24xx	DAI-0800L-12xx DAI-0800L-24xx	DAI-1000L-12xx DAI-1000L-24xx	DAI-1500L-12xx DAI-1500L-24xx
Continuous Output power	150W	300W	600W	800W	1000W	1500W
Output power surge	250W	450W	900W	1000W	1400W	2000W
AC Output voltage	100~120V ± 2% 200~240V ± 2% adjust able					
Output voltage Regulation	-4%~+4%		-1.5%~+1.5% All models			
Output frequency	50Hz ± 0.5% / 60Hz ± 0.5%					
Output Wave form	Pure Sine Wave < 4% THD			Pure Sine Wave < 2% THD		
Efficiency (Full load)	90%	91%	94%	94%	93%	93%
No Load Power Consumption	<5W		<4W (In power saving status)			
Input voltage Range	10~16VDC/ 20~32 VDC					
Power saving Recovery time	N/A		1 Second			
LED status Indication	RUN, trip. LED All in one	Power ON/OFF, RUN/ STAND BY, High / Low Battery Shutdown, over temperature shutdown, and over load shutdown,				
Protection Feature	over / under input voltage, over temp. and reverse input polarity (Fuse). Over Load, short circuit, shutdown, restarts.					
RS232 Remote Controller	N/A		Power output ON/OFF, power saving mode, reset, error message...etc.			
Operation temperature Range	0~50°C (32°F~122°F)					
Storage temperature Range	-30°C~70°C (-22°F~158°F)					
Dimensions (LxWxH) mm	220x130x90	240x270x120	370x270x120	420x270x120	470x270x120	530x270x120
Weight	4.41 (Lbs.) 2 (Kgs)	11.02 (Lbs.) 5 (Kgs)	19.84 (Lbs.) 9 (Kgs)	24.25 (Lbs.) 11 (Kgs)	33.07 (Lbs.) 15 (Kgs)	38.58 (Lbs.) 17.5 (Kgs)

- 1.Remote Controller coming soon.
- 2.2500W coming soon.