

## Powerful Pure Sine Wave Inverter to Convert Battery Power to Supply AC Loads



### Features

These pure sine wave Inverters are specially designed to fulfill the needs of special applications where it is necessary to adapt several parameters of inverters.

- State-of-Art auto load sense
- Standard built-in low battery cut-off protection
- Great overload performance
- Very efficient stand by circuit
- Do not affect other equipment such as TV, radio...etc.
- No problem with microwave ovens
- Extremely efficient
- Standard specially designed AC - and DC - line filters
- Can be used anywhere including National Parks
- Aluminum chassis for harsh environments
- Built-in Remote Controller Port
- Compact
- Simplified system design
- Easily mounted
- Lowest installation cost

### Specifications

Model No.	DAI-0150L-12xx DAI-0150L-24xx DAI-0150L-48xx	DAI-0300L-12xx DAI-0300L-24xx DAI-0300L-48xx	DAI-0600L-12xx DAI-0600L-24xx DAI-0600L-48xx	DAI-1000L-12xx DAI-1000L-24xx DAI-1000L-48xx	DAI-1500L-12xx DAI-1500L-24xx DAI-1500L-48xx	DAI-3000L-12xx DAI-3000L-24xx DAI-3000L-48xx	DAI-6000L-24xx DAI-6000L-48xx
Continuous Output Power	150W	300W	600W	1000W	1500W	3000W	6000W
Output Power Surge	250W	450W	900W	1400W	2000W	4000W	9000W
AC Output Voltage	100 ~ 120V ± 2% 200 ~ 240V ± 2%		100 ~ 120V ± 2% adjustable 200 ~ 240V ± 2%				
Output Voltage Regulation	-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)	88%	89%	88%	87%	88%	87%	88%
No Load Power Consumption	<5W (In power saving status)		<4W (In power saving status)				
Input Voltage Range	10 ~ 16 VDC / 20 ~ 32 VDC / 40 ~ 64 VDC						
Power Saving Recovery Time	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.						
Remote Controller	N / A		Power output ON / OFF, Run, Trip LED All in one				
Operation Temperature Range	-20°C ~ 50°C (-4°F ~ 122°F)						
Storage Temperature Range	-30°C ~ 70°C (-22°F ~ 158°F)						
Dimensions (H x W x D) mm	85 x 136 x 250	85 x 136 x 290	120 x 285 x 325	120 x 285 x 425	185 x 285 x 355	24V / 48V : 245 x 315 x 355 12V : 245 x 315 x 410	245 x 315 x 410
Weight (Kgs)	2.5	5	7	12	19	30	43

• Remote controller with 3 Meter or 15 Meter cable is optional

