

Inverter

API 1500A Series

Description

The Delta API 1500A Series inverter is high efficient, modular single phase inverter. It provides an interruptible, stabilized AC voltage from DC battery systems.

The overload capability enables the inverter to deliver high start up currents demanded by appliances such as air conditioners.

Installation is simplified as all Delta inverters have their connectors at rear and are hot-pluggable. Fan cooling with speed control ensures near silent operation.

Modular UPS configurations can be realized in combination with Delta rectifier systems with battery backup, static switch and bypass.

Main features

- Energy saving – high efficiency
- High start up current capability
- Modular, scalable up to 30 kVA
- Pure sine wave output
- Very low output voltage distortion
- Static switch modules for complete power solution

Applications

API 1500A Series inverter is used in Delta CellD, MidD, CabD and OutD systems for:

- Backup AC power for infrastructure equipment
- Network base stations
- Wireless applications
- Fixed line applications, data communications



Combined with Delta DC power systems, our inverters provide modular UPS for AC power back-up.

The Delta inverter series complete InD and OutD systems providing total site power solutions and offering new opportunities for energy saving.

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Technical specifications

1. Input	
DC voltage range	40 - 72 V
Nominal current	35 A
Maximum current (5 s)	50 A
EMI (conducted)	EN 55022, class A
Protection	Internal fuse

2. Output	
Nominal system voltage	208 / 220V / 230 / 240 Vrms - configurable
Frequency	50 / 60 Hz - configurable
Power limitation	1500 VA / 1200 W
Output THD	2 %
Crest factor	2.8
Overload capability	140 %
EMI (conducted)	EN 55022, class B
Protection	Internal fuse

Ordering information	
Description	API 1500A-230
Product line number	TPS1030001A

3. General	
Efficiency	90.3 %
Control and monitoring	Dry alarm contacts RS 232 - diagnostic and configuration software
User interface	LED display
Dimensions (W x H x D)	220 x 64 x 429 mm 8.66 x 2.52 x 16.88 in
Weight	4 kg / 8.8 lb
Standards	
• Safety	EN / IEC 60950
• EMI (radiated)	EN 55022, class A EN 55022, class B*
• Environment	RoHS compliant
Cooling	Fan cooled
Acoustics	50 dB (A)
Operating temperature	-25 to +60 °C -13 to +140 °F

* option in system configuration

Subject to change without notice.



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