

Cascade Inverter



Cascade is a modular inverter. It is an integrated power system designed for applications where a very high reliability AC supply is required.

These compact parallel inverter module can be configured to meet the N+X requirements. While the modules are in the type of rackmount, all of them can be hot-swapped without disturbing the AC load. Each module is 3KVA and system is able to cascade up to 4 modules in parallel.









The newly designed and improved modular inverter is particularly useful for Telecom applications.

Applications:

- Telecommunications
- Air Conditioner
- Microwave Communication Equipment
- Computer Equipment

Product Highlights:

- Configurable to meet N+X modular requirements
- Hot-swappable rack-mount module
- Cascade up to 4 modules in parallel
- Compliant with communication standard of AC and DC power supply system
- High-performance SPWM technology
- Low DC end current noise

Universal	Australia / New Zealand
	
United Kingdom	Continental European(SCHUKO)
	
North America(GFCI)	North America
	
Connector	0723-CQ
	

TECHNICAL SPECIFICATIONS – Cascade Inverter System

MODEL	Cascade 12K
SYSTEM Rating (VA/Watt)	Up to 12k / 8.4k (N+X, up to 4 modules per system)
MODULE Rating (VA/Watt)	3000 / 2100
INPUT	
Voltage (VDC)	46-56
OUTPUT	
Voltage (VAC)	220/230 ± 2%
Frequency (Hz)	50/60 ± 1%
Waveform	Sine wave THD <3% (linear load)
OTHER	
Panel Display	Operating status via LED
Protection	Low battery, overload, short circuit, output over voltage, over temperature
Communication Interface	Dry Contact, RS232
Dimension (mm) WxDxH	450x360x10U (System Cabinet) 440x360x2U (Module)
Weight (kg)	15 (System Cabinet) 9 (Module)

* Specifications are subject to change without prior notice

