

## FlexCombi Inverter Module Series

**Rating:** 1250 VA

**Voltage:** 230VDC

**Configuration:** Module

FlexCombi 2000 Inverter Module is designed with advanced switching technology and digital control. The utilization of this technology results in a very high power density and low weight. With a state-of-the-art control solution it provides an excellent functionality and several protection features.



### Product Highlights:

- Excellent overall efficiency and high regulation speed;
- How-Swappable Design with backplane connection;
- Perfect fault alarm and protection functions;
- High power density;
- CAN-BUS Interface;
- Temperature-controlled fan cooling;
- Excellent sinusoidal output.
- MTBF: 300,000 hours

### Applications:

- Broadband and access network
- Satellite communication ground station
- 3G base station
- Wireless communication
- Telecom roadside cabinets

**Technical Specification:**

PowerHub FlexCombi Inverter Module Series		Specifications
INPUT	Nominal input voltage	48Vdc
	Nominal input current	29ADC@48VDC
	Input voltage range	44~ 60VDC; 40~ 44VDC (output power 900VA)
OUTPUT	Output frequency	50±1%Hz (60 Hz optional)
	Synchronization range	58 to 62 Hz/48 to 52 Hz
	Typical efficiency	91%
	Nominal output voltage	230 VAC -5 %, adjustment range: 200 to 242 VAC
	THD	≤2%at linear load
	Overload capability	130 % for 10 sec
	Nominal output power	1250VA
OTHERS	Protective function	Input overvoltage, under-voltage; overload, short circuit; over-temperature
	LED signalling	Operation (green), Vo OK (green), Alarm (red)
ENVIRONMENT	Working temperature	-40°C~+55°C
	Storage temperature	-40°C~ +75°C
	Humidity RH	≤95% RH

\* Specifications are subject to change without prior notice

