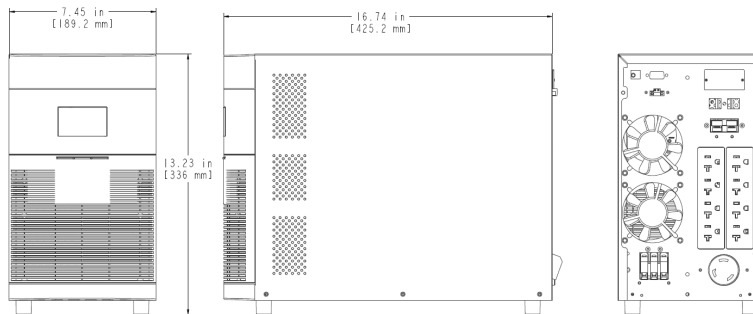


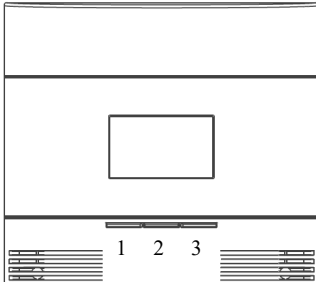
Sinergy III Series UPS Tower

2000 VA & 3000 VA Low Voltage



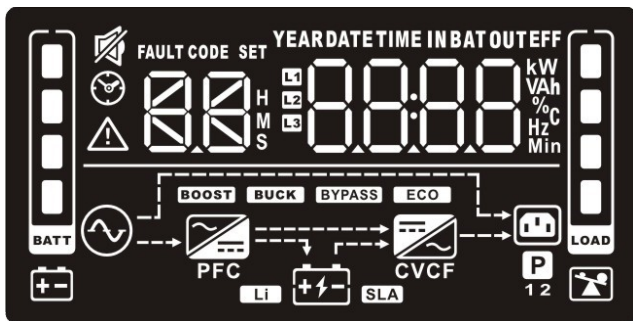
Model Part Number	ACDEF2000T 12809-10R	ACDEF3000T 12810-10R
Type	Sinergy III Tower	Sinergy III Tower
Power Rating	2000 VA / 1850 W	3000 VA / 2740 W
Topology	On-Line Double Conversion	On-Line Double Conversion
Heat Dissipation (BTU/Hour)	1171 at 100% Load	1171 at 100% Load
Input Voltage (Nominal) Voltage Range	100-120 VAC 90-150 VAC	100-120 VAC 90-150 VAC
Input Frequency	50/60 Hz \pm 4 (Auto Sense on Start-Up)	50/60 Hz \pm 4 (Auto Sense on Start-Up)
Input Power Factor	>0.95	>0.95
Input Current THD	<9.0%	<9.0%
Efficiency	\geq 91.0%	\geq 91.0%
Output Voltage (Default) Output Voltage (Selectable)	120 VAC 100/110/115 VAC	120 VAC 100/110/115 VAC
Output Current (Default) Output Current (Selectable)	16.7 A 16.0/16.4/16.5 A	25 A 24.0/24.5/24.8 A
Voltage Regulation	\pm 1.0%	\pm 1.0%
Overload Online Mode	100-105%: Continuous (warning only) 105-130%: 2 Minutes 130-200%: 10 Seconds >200%: 250 Milliseconds	100-105%: Continuous (warning only) 105-130%: 2 Minutes 130-200%: 10 Seconds >200%: 250 Milliseconds
Overload Battery Mode	100-105%: Continuous (warning only) 105-130%: 10 Seconds >130%: 250 Milliseconds	100-105%: Continuous (warning only) 105-130%: 10 Seconds >130%: 250 Milliseconds
Overload Bypass Mode	100-110%: Continuous (warning only) 110-120%: 30 Minutes 120-130%: 10 Minutes >130%: 1 Minute	100-110%: Continuous (warning only) 110-120%: 30 Minutes 120-130%: 10 Minutes >130%: 1 Minute
Battery Voltage (Float/Nominal)	54.7/48.0 VDC	54.7/48.0 VDC
Charger Current	1.0 A	1.0 A
Backup Time (Full Load)	>3.6 Minutes	>3.6 Minutes
Communications Interface	USB / RS-232	USB / RS-232
Shipping Weight	63.0 lbs / 28.6 kg	63.0 lbs / 28.6 kg

Front Panel Controls



1. ON / MUTE - UP KEY (Previous Selection)
2. SELECT - DOWN KEY (Next Selection)
3. OFF / ENTER - CONFIRM KEY

See Owner's Manual for button operation.



Front Panel Display

Rear Panel Information and Controls

- 6 Foot Line Cord with NEMA L5-20P
(12809-10R Only 1850 W Capability)
- (8) NEMA 5-20R
- (1) NEMA L5-20R Direct
- 6 Foot Line Cord with NEMA L5-30P
(12810-10R Only 2740W Capability)
- (8) NEMA 5-20R
- (1) NEMA L5-30R Direct
- USB & RS-232 Communication
- SNMP Adapter
- Internal Relay Contact Card (Optional)
- Circuit Breaker

Internal Batteries

- User Hot-Swappable (See Instruction Manual)
- Type - 12 V, 9.0 AH
- Quantity - 6 Batteries
- Recharge time - 12 Hours to 100%

Environmental

- Temperature: 0 to 40°C (32 to 104°F) Operating
-20 to 50°C (-40 to 122°F) Shipment, Storage
- Humidity: <90% Non-Condensing (Operating, Shipment, Storage)
- Altitude: <1000m Operating, No De-Rating
>1000m De-Rate Output 1% per 100m

Safety Agency and EMC Compliance

All units are listed by UL, and marked with the UL/cUL marking.

Product Listings

- usTUVc listed to UL 1778 5th Edition
- CSA22.2 No.107.3
- EN 62040-2:2018

Products Compliances

- FCC Part 15J Class A
- IEC61000-4-2, Electrostatic Discharge
- IEC61000-4-3, Radiated Electromagnetic Field Immunity
- IEC61000-4-4, Electrical Fast Transient/Burst Immunity
- IEC61000-4-5, Surge Immunity
- IEC61000-4-6, CS
- IEC61000-4-8, Power Frequency Magnetic Field
- IEC61000-2-2, Low Frequency Signal
- RoHS

Warranty/Support: Sinergy III Series products (hereafter referred to as "Product") are warranted to be free from defects in material and workmanship for **two (2) years** from date of shipment from Powervar, on the chassis & electronic components and **two (2) years** from date of shipment from Powervar on the batteries. This warranty is limited to repairing, replacing, or refurbishing, at Powervar's option, any defective component, circuit board or module within the Product. This warranty will include, at Powervar's sole discretion, on-site service or Powervar depot service. See the Limitations of Warranty section below for additional limitations & exclusions.

For North American service or support on any Powervar product, please contact Powervar Technical Support at (800) 369-7179. For service and support in EMEA, contact Powervar, Ltd. in the United Kingdom at +44 (0) 1793 553980. Or visit www.powervar.com.

Battery Life Disclaimer: Powervar's standard battery warranty applies only to UPS and UPM products which are continuously connected to AC mains power, except during utility power outages. Products which are regularly and intentionally disconnected from AC mains power will experience battery discharge/charge cycles potentially far more numerous than those for which the battery was designed. As a result, products used in such applications will experience substantially reduced battery life. For that reason, Powervar's standard battery warranty does not apply for applications in which the UPS or UPM product is regularly and intentionally disconnected from AC mains power. Powervar UPS and UPM products used in such applications shall receive a 90 day warranty on batteries.