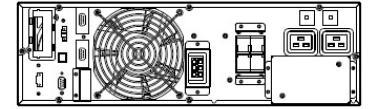
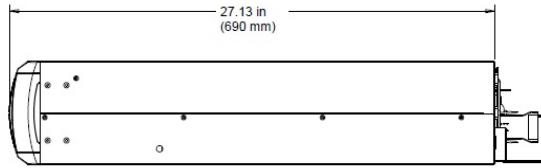
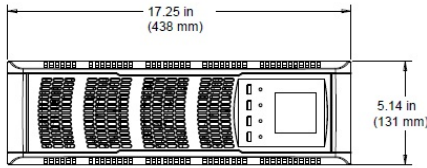


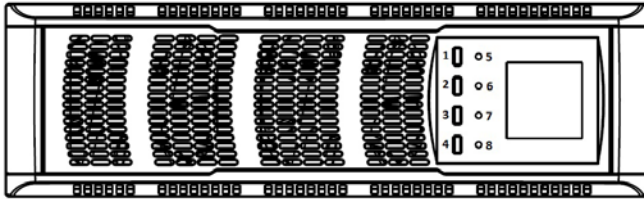
## Sinergy III Series UPS 6000 VA High Voltage



Model Part Number	ACDEF6000-22-1 17602-02R 17602-03R (Parallel Option)	ACDEF6000-22-4 17602-04R 17602-05R (Parallel Option)
Type	Sinergy III	Sinergy III
Power Rating	6000 VA / 5400 W	6000 VA / 5400 W
Topology	On-Line Double Conversion	On-Line Double Conversion
Heat Dissipation (BTU/Hour)	3511 at 100% Load	3511 at 100% Load
Input Voltage (Nominal) Range	200 / 208 / 220 / 230 / 240 VAC (Selectable) 176-300 VAC	200 / 208 / 220 / 230 / 240 VAC (Selectable) 176-300 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	>84.0%	>84.0%
Output Voltage	208 VAC (Default) 200 / 220 / 230 / 240 VAC (Selectable)	208 VAC (Default) 200 / 220 / 230 / 240 VAC (Selectable)
Output Current	28.8 A (Default) 30.0 / 27.3 / 26.1 / 25.0 A (Selectable)	28.8 A (Default) 30.0 / 27.3 / 26.1 / 25.0 A (Selectable)
Voltage Regulation	$\pm$ 1.0%	$\pm$ 1.0%
Overload Online Mode	100-110%: 10 Minutes 110-130%: 1 Minute >130%: 1 Second	100-110%: 10 Minutes 110-130%: 1 Minute >130%: 1 Second
Overload Battery Mode	100-110%: 30 Seconds 110-130%: 10 Seconds >130%: 1 Second	100-110%: 30 Seconds 110-130%: 10 Seconds >130%: 1 Second
Overload Bypass Mode	100-130%: Continue to Carry Load >130%: Load Shut Down After 1 Minute	100-130%: Continue to Carry Load >130%: Load Shut Down After 1 Minute
Battery Voltage (Float / Nominal)	274.0 / 240.0 VDC	274.0 / 240.0 VDC
Charger Current	1.0 A	4.0 A
Backup Time (Full Load)	<7.0 Minutes	<7.0 Minutes
Communications Interface	USB / RS-232	USB / RS-232
Shipping Weight	59.0 Pounds / 26.8 Kilograms	59.0 Pounds / 26.8 Kilograms

\*

## Front Panel Controls



- |                |                |
|----------------|----------------|
| 1. OFF / ESC   | 5. BYPASS LED  |
| 2. UP (MENU)   | 6. LINE LED    |
| 3. DOWN (MENU) | 7. BATTERY LED |
| 4. ON / ENTER  | 8. FAULT       |

## Rear Panel Information and Controls

- Hardwire Input Connection (Screw Terminal)
- Hardwire Output Connection (Screw Terminal)
- USB & RS-232 Communication
- SNMP Adapter (Optional)
- Internal Relay Contact Card (Optional)
- Circuit Breaker

## External Batteries (Single Battery Cabinet)

- Type - 12 V, 8.5 AH
- Quantity - 20 Batteries
- Recharge time - 9 hours to 90%, 24 hours to 100% (1A Charger)

## Environmental

- Temperature: 0 - +40° C (32 - 104°F) Operating  
-20 - +50° C (-40 - +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.

## Products Listed To:

- UL1778
- cUL to CSA22.2 No.107.1

## Products in compliance with:

- 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 Compliance:

All products are RoHS compliant

**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.

**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. Powervar UPS and UPM products used in such applications shall receive a 90 day warranty on batteries.