

## Sinergy III Series Battery Cabinet 3000 VA High / Low Voltage

|                      |  |
|----------------------|--|
| Model<br>Part Number | E072-12<br>17888-05R                             |
| Type                 | Sinergy III                                      |
| Compatible UPS       | ACDEF3000-11 / ACDEF3000-22                      |
| Voltage (Nominal)    | 72.0 VDC   |
| Battery Type         | 12V Flame Retardant<br>Sealed Lead-Acid          |
| Battery Quantity     | 6 x 2 Strings                                    |
| Recharge Time        | 24 Hours<br>(Single Battery Cabinet, 1A Charger) |
| Length               | 17.25 in / 438 mm                                |
| Height               | 3.39 in / 86 mm                                  |
| Depth                | 24.92 in / 633 mm                                |
| Unit Weight          | 91.5 lbs. / 41.6 kg.                             |
| Shipping Weight      | 105.0 lbs. / 47.4 kg.                            |
| Safety Agencies      | UL1778<br>cUL to CSA22.2 No. 107.1               |

### ACDEF3000-11 Typical run times with external battery cabinets

| Percent Capacity   | Watts | Number of Battery Cabinets |           |           |           |           |
|--|-------|----------------------------|-----------|-----------|-----------|-----------|
|  |       | Internal                   | INT+1 EXT | INT+2 EXT | INT+3 EXT | INT+4 EXT |
| Runtimes are expressed in minutes<br>Typical runtimes based on fully charged, new batteries, operating under typical load conditions<br>Times estimated assuming a switch mode power supply<br>Runtimes are affected by battery age, ambient temperature, site specific usage patterns and load conditions |       |                            |           |           |           |           |
| 0  | 0     | 413                        | > 16 hrs  | > 16 hrs  | > 16 hrs  | > 16 hrs  |
| 10   | 210   | 64                         | 283       | 562       | 885       | > 16 hrs  |
| 20   | 420   | 31                         | 137       | 272       | 427       | 600       |
| 30   | 630   | 19                         | 85        | 170       | 267       | 375       |
| 40   | 840   | 13                         | 60        | 120       | 189       | 265       |
| 50   | 1050  | 10.4                       | 46        | 91        | 143       | 201       |
| 60   | 1260  | 8.3                        | 36        | 72        | 114       | 160       |
| 70   | 1470  | 6.8                        | 30        | 60        | 94        | 131       |
| 80   | 1680  | 5.7                        | 25        | 50        | 79        | 111       |
| 90   | 1890  | 4.9                        | 22        | 43        | 68        | 95        |
| 100  | 2100  | 4.3                        | 19        | 38        | 59        | 83        |

### ACDEF3000-22 Typical run times with external battery cabinets

| Percent Capacity | Watts | Number of Battery Cabinets |           |           |           |           |
|------------------|-------|----------------------------|-----------|-----------|-----------|-----------|
|                  |       | Internal                   | INT+1 EXT | INT+2 EXT | INT+3 EXT | INT+4 EXT |
| 0                | 0     | 351                        | > 16 hrs  | > 16 hrs  | > 16 hrs  | > 16 hrs  |
| 10               | 240   | 56                         | 247       | 491       | 772       | > 16 hrs  |
| 20               | 480   | 26                         | 117       | 232       | 365       | 512       |
| 30               | 720   | 16                         | 72        | 144       | 226       | 318       |
| 40               | 960   | 11                         | 51        | 101       | 159       | 223       |
| 50               | 1200  | 8.8                        | 38        | 77        | 120       | 169       |
| 60               | 1440  | 7.0                        | 31        | 61        | 96        | 134       |
| 70               | 1680  | 5.7                        | 25        | 50        | 78        | 110       |
| 80               | 1920  | 4.8                        | 21        | 42        | 66        | 93        |
| 90               | 2160  | 4.1                        | 18        | 36        | 57        | 80        |
| 100              | 2400  | 3.6                        | 16        | 31        | 49        | 69        |

Runtimes are expressed in minutes  
 Typical runtimes based on fully charged, new batteries, operating under typical load conditions  
 Times estimated assuming a switch mode power supply  
 Runtimes are affected by battery age, ambient temperature, site specific usage patterns and load conditions

**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.