

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

Model Part Number	E072-12 17888-05R
Type	Sinergy III
Compatible UPS	ACDEF3000-11 / ACDEF3000-22
Voltage (Nominal)	72.0 VDC
Battery Type	12V Flame Retardant Sealed Lead-Acid
Battery Quantity	6 x 2 Strings
Recharge Time	24 Hours (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 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 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						
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.