

## Sinergy III Series Battery Cabinet 700 / 1000 VA Low Voltage

Model Part Number	E024-12 17888-02R
Type	Sinergy III
Compatible UPS	ACDEF700-11 / ACDEF1000-11
Voltage (Nominal)	24.0 VDC
Battery Type	12V Flame Retardant Sealed Lead-Acid
Battery Quantity	2 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	16.26 in / 413 mm
Unit Weight	38.0 lbs. / 17.3 kg.
Shipping Weight	47.0 lbs. / 21.4 kg.
Safety Agencies	UL1778 cUL to CSA22.2 No. 107.1

### ACDEF700-11 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	203	893	>16 hrs	>16 hrs	>16 hrs
10	56	65	288	573	902	>16 hrs
20	112	35	157	313	492	690
30	168	23	104	206	325	455
40	224	17	75	150	236	331
50	280	13	58	116	183	256
60	336	10	47	94	147	207
70	392	8.9	39	78	122	172
80	448	7.6	33	66	104	146
90	504	6.5	29	57	90	126
100	560	5.7	25	50	79	111

**ACDEF1000-11 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	203	893	>16 hrs	>16 hrs	>16 hrs
10	80	48	211	419	659	925
20	160	24	107	212	334	468
30	240	15	68	135	213	298
40	320	11	49	97	152	213
50	400	8.4	37	74	116	163
60	480	6.7	30	59	93	130
70	560	5.6	24	49	77	107
80	640	4.7	20	41	64	90
90	720	4.1	17	35	55	78
100	800	3.5	15	31	48	68

**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.

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