

Sinergy III Series Battery Cabinet 1500 VA Low Voltage

Model Part Number	E036-12 17888-03R
Type	Sinergy III
Compatible UPS	ACDEF1500-11
Voltage (Nominal)	36.0 VDC
Battery Type	12V Flame Retardant Sealed Lead-Acid
Battery Quantity	3 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	20.20 in / 513 mm
Unit Weight	53.0 lbs. / 24.1 kg.
Shipping Weight	63.5 lbs. / 28.9 kg.
Safety Agencies	UL1778 cUL to CSA22.2 No. 107.1

ACDEF1500-11 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	351	> 16 hrs	> 16 hrs	> 16 hrs	> 16 hrs
10	120	55	244	485	763	> 16 hrs
20	240	26	115	229	360	505
30	360	16	71	142	223	313
40	480	11	50	100	157	220
50	600	8.6	38	75	119	166
60	720	6.8	30	60	94	132
70	840	5.6	25	49	77	108
80	960	4.7	21	41	65	91
90	1080	4.1	18	35	56	78
100	1200	3.5	16	31	49	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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