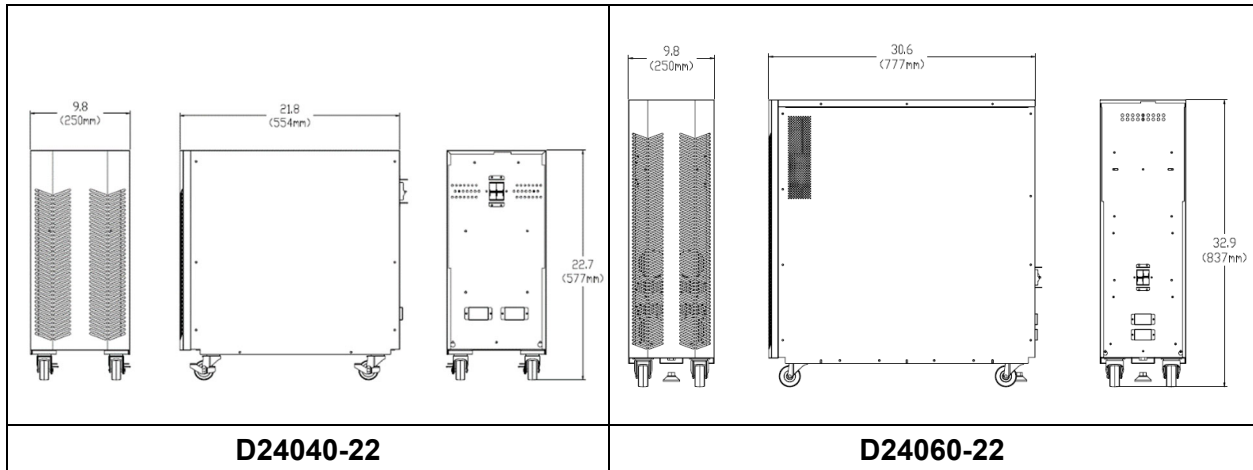


## Security Plus II Battery Cabinet Specifications



	Model	D24040-22	D24060-22
	Part Number	42999-01	42999-02
	Typeform	Extended Run Battery Cabinet	
<b>BATTERY</b>	Voltage (VDC)	240, nominal 270, float	
	Battery	12V, 460W, flame retardant	
	Quantity	40	60
<b>MISC.</b>	Shipping Weight	284 lbs. (129 kg)	437 lbs. (198 kg)
	Unit Weight	64 lbs. (29 kg)	106 lbs. (48 kg)
	Dimensions (L x W x H)	21.8in(554mm) x 9.8in(250mm) x 22.7in(577mm)	30.6in(777mm) x 9.8in(250mm) x 32.9in(837mm)
<b>ENVIRONMENT</b>	Temperature (°C)	0 to 40, operating -15 to 60, transit	
	Altitude (m)	2,000, operating 12,000, transit	
	Humidity	5.0% to 90.0%, non-condensing	
<b>AGENCY</b>	Safety Agencies	UL1778 5 <sup>th</sup> Edition CSA22.2 No.107.3 IEC 62040-2:2018	
	RoHS	All units are RoHS compliant	

**ABCDEF2002-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF2002-22 TYPICAL RUN-TIMES (MINs)</b>				
	25% (500 W)	50% (1000 W)	75% (1500 W)	100% (2000 W)
Internal Batteries Only	131	57	36	25
Internal + 1) D24040-22	392	172	109	76
Internal + 2) D24040-22	653	287	181	127
Internal + 3) D24040-22	> 12 Hrs	402	253	177
Internal + 4) D24040-22	> 12 Hrs	517	325	228
Internal + 5) D24040-22	> 12 Hrs	632	398	279
Internal Batteries Only	131	57	36	25
Internal + 1) D24060-22	522	230	145	101
Internal + 2) D24060-22	> 12 Hrs	402	253	177
Internal + 3) D24060-22	> 12 Hrs	575	362	253
Internal + 4) D24060-22	> 12 Hrs	> 12 Hrs	470	330
Internal + 5) D24060-22	> 12 Hrs	> 12 Hrs	579	406

**ABCDEF3002-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF3002-22 TYPICAL RUN-TIMES (MINs)</b>				
	25% (750 W)	50% (1500 W)	75% (2250 W)	100% (3000 W)
Internal Batteries Only	84	36	22	15
Internal + 1) D24040-22	252	109	65	46
Internal + 2) D24040-22	420	181	109	77
Internal + 3) D24040-22	588	253	153	108
Internal + 4) D24040-22	> 12 Hrs	325	196	138
Internal + 5) D24040-22	> 12 Hrs	398	240	169
Internal Batteries Only	84	36	22	15
Internal + 1) D24060-22	336	145	87	61
Internal + 2) D24060-22	588	253	153	108
Internal + 3) D24060-22	> 12 Hrs	362	218	154
Internal + 4) D24060-22	> 12 Hrs	470	283	200
Internal + 5) D24060-22	> 12 Hrs	579	349	246

**ABCDEF4002-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF4002-22 TYPICAL RUN-TIMES (MINS)</b>				
	25% (1000 W)	50% (2000 W)	75% (3000 W)	100% (4000 W)
Internal Batteries Only	57	25	15	11
Internal + 1) D24040-22	172	76	46	32
Internal + 2) D24040-22	287	127	77	54
Internal + 3) D24040-22	402	177	108	75
Internal + 4) D24040-22	517	228	138	97
Internal + 5) D24040-22	632	279	169	118
Internal Batteries Only	57	25	15	11
Internal + 1) D24060-22	230	101	61	43
Internal + 2) D24060-22	402	177	108	75
Internal + 3) D24060-22	575	253	153	108
Internal + 4) D24060-22	> 12 Hrs	330	200	140
Internal + 5) D24060-22	> 12 Hrs	406	246	172

**ABCDEF5202-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF5202-22 TYPICAL RUN-TIMES (MINS)</b>				
	25% (1300 W)	50% (2600 W)	75% (3900 W)	100% (5200 W)
Internal Batteries Only	43	18	11	8
Internal + 1) D24040-22	129	54	33	23
Internal + 2) D24040-22	215	91	55	39
Internal + 3) D24040-22	301	127	77	55
Internal + 4) D24040-22	387	163	99	70
Internal + 5) D24040-22	473	199	121	85
Internal Batteries Only	43	18	11	8
Internal + 1) D24060-22	172	73	44	31
Internal + 2) D24060-22	300	127	77	54
Internal + 3) D24060-22	430	181	110	78
Internal + 4) D24060-22	559	236	143	101
Internal + 5) D24060-22	688	290	175	124

**ABCDEF6002-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF6002-22 TYPICAL RUN-TIMES (MIN)</b>				
	25% (1500 W)	50% (3000 W)	75% (4500 W)	100% (6000 W)
Internal Batteries Only	36	15	9	7
Internal + 1) D24040-22	109	46	28	20
Internal + 2) D24040-22	181	77	47	33
Internal + 3) D24040-22	253	108	65	46
Internal + 4) D24040-22	325	138	84	59
Internal + 5) D24040-22	398	169	102	72
Internal Batteries Only	36	15	9	7
Internal + 1) D24060-22	145	61	37	26
Internal + 2) D24060-22	253	108	65	46
Internal + 3) D24060-22	362	154	93	65
Internal + 4) D24060-22	470	200	121	85
Internal + 5) D24060-22	579	246	149	104

**ABCDEF8002-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF8002-22 TYPICAL RUN-TIMES (MINs)</b>				
	25% (2000 W)	50% (4000 W)	75% (6000 W)	100% (8000 W)
Internal Batteries Only	27	15	8	4
Internal + 1) D24040-22	80	44	24	13
Internal + 2) D24040-22	134	73	40	22
Internal + 3) D24040-22	187	103	56	31
Internal + 4) D24040-22	241	132	73	40
Internal + 5) D24040-22	294	162	89	49
Internal Batteries Only	27	15	8	4
Internal + 1) D24060-22	107	59	32	18
Internal + 2) D24060-22	187	103	56	31
Internal + 3) D24060-22	268	147	81	44
Internal + 4) D24060-22	348	191	105	58
Internal + 5) D24060-22	428	235	129	71

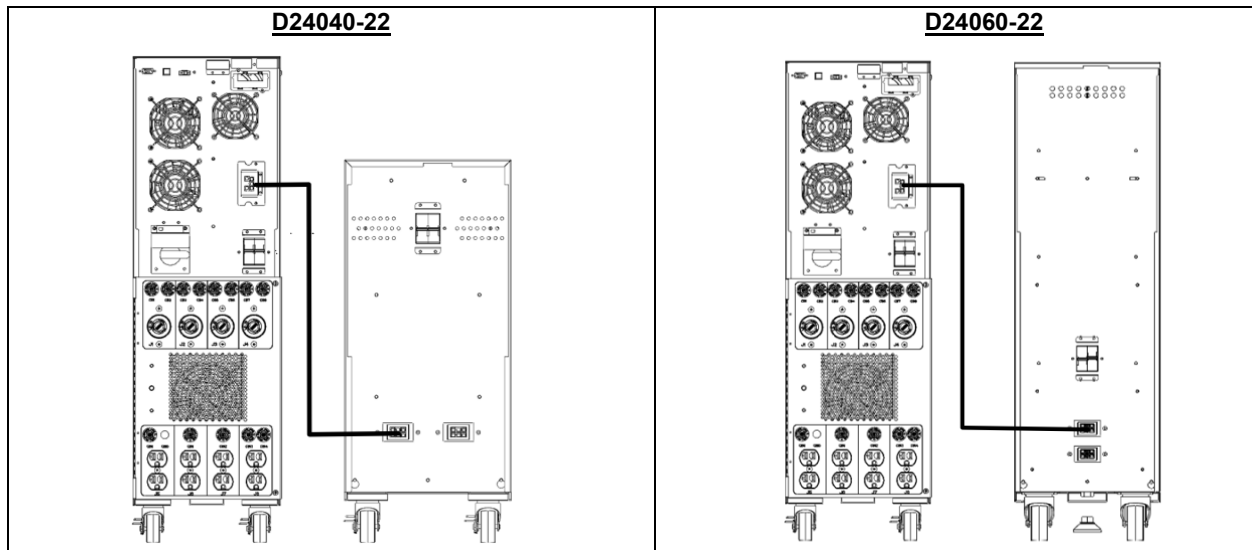
**ABCDEF10.2-22 Compatible External (Extended Run) Battery Cabinets:**

Model: D24040-22 Description: Extended Run Battery Cabinet with 40 batteries

Model: D24060-22 Description: Extended Run Battery Cabinet with 60 batteries

Note: Run-Times are based on new fully charged batteries at 25° C ambient.

<b>ABCDEF10.2-22 TYPICAL RUN-TIMES (MINS)</b>				
	25% (2500 W)	50% (5000 W)	75% (7500 W)	100% (10000 W)
Internal Batteries Only	23	11	5	2
Internal + 1) D24040-22	29	33	15	7
Internal + 2) D24040-22	115	54	26	12
Internal + 3) D24040-22	161	76	36	17
Internal + 4) D24040-22	207	98	46	22
Internal + 5) D24040-22	253	120	57	27
Internal Batteries Only	23	11	5	2
Internal + 1) D24060-22	92	44	21	10
Internal + 2) D24060-22	161	76	36	17
Internal + 3) D24060-22	230	109	51	24
Internal + 4) D24060-22	299	141	67	32
Internal + 5) D24060-22	369	174	82	39



**Warranty/Support:** POWERVAR warrants the electronics and transformers used in its uninterruptible power managers to be free from defects in materials and workmanship for a period of three years from the date of shipment. Batteries are warranted for a period of two years from the date of shipment for standby use; 90 days for cyclic use. For North American service or support on any POWERVAR product, please contact POWERVAR Technical Support at (800) 369-7179 (in Illinois call (847-596-7000). For service and support in EMEA, contact POWERVAR, Ltd. in the United Kingdom at +44 (0) 1793 553980. Or visit the POWERVAR website at [www.powervar.com](http://www.powervar.com).

**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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