

POWERWARE 9390

Technical Document

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Reference: Specifications subject to change without notice.

Powerware 9390 40 – 160 kVA battery cabinet runtime table

Long life batteries, Load power factor 0.8 (inductive), temperature +25°C

Table 1. Powerware 9390 UPS + Large battery cabinet(s) (part number 1023244*)

Energys Powersafe HR	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390 + 1*BAT (HR250)	30*	17*	10*	7** (n/a)	5** (n/a)	-
9390 + 2*BAT (HR250)	73	44	30	22	15	10
9390 + 3*BAT (HR250)	128	72	51	35	30	21
9390 + 4*BAT (HR250)	180	106	75	54	41	30

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 2. Powerware 9390 UPS + Large battery cabinet(s) (part number 1023245*)

Energys Powersafe HR	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390 + 1*BAT (HR305)	39*	22*	15*	10** (n/a)	6** (n/a)	-
9390 + 2*BAT (HR305)	96	57	40	25	22	15
9390 + 3*BAT (HR305)	160	96	64	45	37	26
9390 + 4*BAT (HR305)	220	136	96	72	55	40

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 3. Powerware 9390 UPS + Large battery cabinet(s) (part numbers 1027614* / 1027615)**

Energys Datasafe HX	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390 + 1*BAT(HX500)	82	48	34	25	19	12
9390 + 2*BAT(HX500)	180	115	83	62	48	34
9390 + 3*BAT(HX500)	286	184	137	99	82	58

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 4. Powerware 9390 UPS + Large battery cabinet(s) (part numbers 1025467* / 1025469)**

CSB HRL	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390 + 1*BAT(12-280)	40	24	15	10	7	-
9390 + 2*BAT(12-280)	96	57	41	30	24	15
9390 + 3*BAT(12-280)	157	96	69	50	40	28

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 5. Powerware 9390 UPS + Large battery cabinet(s) (part number 1025470)**

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CSB HRL	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390 + 1*BAT(12-330)	47	30	20	13	10	6
9390 + 2*BAT(12-330)	116	72	50	36	30	20
9390 + 3*BAT(12-330)	180	117	84	60	48	35

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 6. Powerware 9390 UPS + Large battery cabinet(s) (part numbers 1025468* / 1025471)**

CSB HRL	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390+ 1*BAT(12-500)	80	49	35	24	18	12
9390+ 2*BAT(12-500)	180	120	81	60	48	34
9390+ 3*BAT(12-500)	288	174	123	95	80	57

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 7. Powerware 9390 UPS + Large battery cabinet(s) (part number 1027802)**

C&D 540 MR	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
9390+ 1*BAT(12-540)	96	56	38	27	20	12
9390+ 2*BAT(12-540)	195	122	98	73	56	39
9390+ 3*BAT(12-540)	296	176	146	112	97	68

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 8. Powerware 9390 UPS + Small battery cabinet(s) (part number 1025570*)

Panasonic LC-X1238	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA
9390+ 1*BAT(LC-X1238)	45	33	18	11	5	-
9390+ 2*BAT(LC-X1238)	114	85	48	35	20	11
9390+ 3*BAT(LC-X1238)	180	139	87	62	35	24

Note! Above run times are approx. times for batteries after several discharge cycles.

Table 9. Powerware 9390 UPS + Small battery cabinet(s) (part number 1025572*)

CSB HRL	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA
9390+ 1*BAT(12-200)	83	60	36	25	14	10
9390+ 2*BAT(12-200)	160	120	88	62	37	26
9390+ 3*BAT(12-200)	263	181	120	99	63	44

Note! Above run times are approx. times for batteries after several discharge cycles.

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Table 10. Powerware 9390 UPS + Small battery cabinet (USA)

170 (C&D), 200 (CSB)	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
TS0603B12121100 (12-120)	12*	5*	-	-	-	-
TS0603B17121100 (12-170)	20*	10*	-	-	-	-
TS0803C20121100 (12-200)	25***	14***	10***	-	-	-

Note! Above run times are approx. times for batteries after several discharge cycles.

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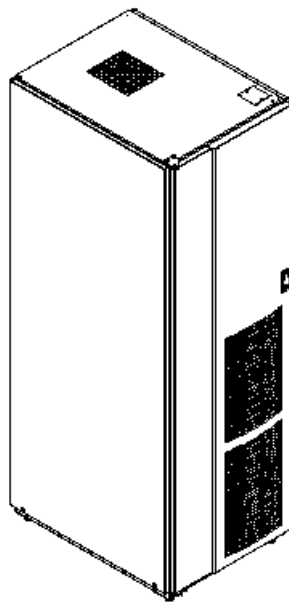
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Table 11. Powerware 9390 battery cabinet specifications

Cabinet (p/n)	Battery size	Design life	Pcs	Dimensions	Weight
1023244*	55 Ah 12V	10 years	40	H1885xW1125xD804 mm	1270 kg
1023245*	67 Ah 12V	10 years	40	H1885xW1125xD804 mm	1430 kg
1027614* / 1027615**	500WPC 12V	10 years	40	H1885xW1125xD804 mm	2356 kg
1025467* / 1025469**	280WPC 12V	10 years	40	H1885xW1125xD804 mm	1444 kg
1025470**	330WPC 12V	10 years	40	H1885xW1125xD804 mm	1625 kg
1025468* / 1025471**	500WPC 12V	10 years	40	H1885xW1125xD804 mm	2188 kg
1027802**	540WPC 12V	10 years	40	H1885xW1125xD804 mm	2160 kg
1025570*	38 Ah 12V	10 years	40	H1877xW575xD773 mm	700 kg
1025572*	200WPC 12V	10 years	40	H1877xW575xD773 mm	1176 kg
TS0603B12121100*	120WPC 12V	10 years	40	H1885xW610xD798 mm	751 kg
TS0603B17121100*	170WPC 12V	10 years	40	H1885xW610xD798 mm	1066 kg
TS0803C20121100***	200WPC 12V	10 years	40	H1885xW610xD798 mm	1206 kg

* 250A battery breaker ; ** 400A battery breaker ; *** 300A battery breaker



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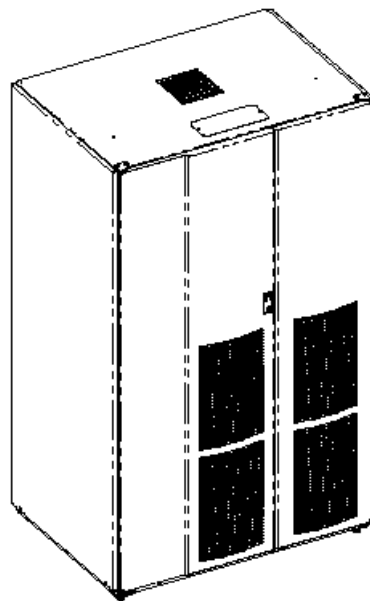
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Picture 1.

*Small battery cabinet (USA) up to 80 kVA UPS applications.
(Dimensions: W610 x D798 x H1885 mm)*



Picture 2.

*Large battery cabinet (USA/EMEA) up to 160 kVA UPS applications.
(Dimensions: W1125 x D804 x H1889 mm)*