



Replacement Battery - Battery Life Expectancy

Product Line	UPS Product	Apparent power	UPS / Battery Module	Eaton No.	ALSO No.	Quantity of Batteries needed
3S	550	550	UPS	2001627	1554718	1
3S	700	700	UPS	7590115	1432294	1
5PX	1500i RT2U	1500	UPS	7590115	1432294	4
5PX	2200i RT2U	2200	UPS	7590116	1432295	4
5PX	3000i RT2U	3000	UPS	7590116	1432295	6
5PX	3000i RT3U	3000	UPS	7590116	1432295	6
5PX	1500i RT2U EBM	1500	Extended Battery Module	7590116	1432295	8
5PX	2200i RT2U EBM	2200	Extended Battery Module	7590116	1432295	8
5PX	3000i RT2U EBM	3000	Extended Battery Module	7590116	1432295	12
5PX	3000i RT3U EBM	3000	Extended Battery Module	7590116	1432295	12
9PX	5000i HotSwap	5000	UPS	2001627	1554718	15
9PX	5000i RT3U	5000	UPS	2001627	1554718	15
9PX	6000i HotSwap	6000	UPS	2001627	1554718	15
9PX	6000i RT3U	6000	UPS	2001627	1554718	15
9PX	6000i 3:1	6000	UPS	7590116	1432295	20
9PX	6000i 3:1 RT6U	6000	UPS	7590116	1432295	20
9PX	EBM 180V	5000/6000 1:1	Extended Battery Module	2001627	1554718	30
9PX	8000i HotSwap	8000	UPS	7590116	1432295	20
9PX	8000i RT6U	8000	UPS	7590116	1432295	20
9PX	11000i HotSwap	11000	UPS	7590116	1432295	20
9PX	11000i RT6U	11000	UPS	7590116	1432295	20
9PX	EBM 240V	6000	Extended Battery Module	7590116	1432295	20
9SX	5000i RT3U	5000	UPS	2001627	1554718	15
9SX	6000i RT3U	6000	UPS	2001627	1554718	15
9SX	EBM 180V RT3U	5000/6000	Extended Battery Module	2001627	1554718	30
9SX	8000i	8000	UPS	7590115	1432294	20
9SX	8000i RT6U	8000	UPS	7590115	1432294	20
9SX	11000i	11000	UPS	7590115	1432294	20
9SX	11000i RT6U	11000	UPS	7590115	1432294	20
9SX	EBM 240V	8000/11000	Extended Battery Module	7590115	1432294	20
BladeUPS	12kVA	12000	UPS	2001627	1554718	40
BladeUPS	12kVA EBM	12000	Extended Battery Module	7590116	1432295	20
Eaton 3105	350	350	UPS	7590104	1554717	1
Eaton 3105	500	500	UPS	2001627	1554718	1
Eaton 5110	500	500	UPS	2001627	1554718	1
Eaton 5110	700	700	UPS	7590115	1432294	1
Eaton 5110	1000	1000	UPS	7590115	1432294	2
Eaton 5115	500i	500	UPS	7590116	1432295	1
Eaton 5115	750i	750	UPS	7590115	1432294	2
Eaton 5115	1000i	1000	UPS	7590116	1432295	2
Eaton 5115	1400i	1400	UPS	7590116	1432295	3
Eaton 5115 RM	500	500	UPS	7590102	1432293	2
Eaton 5115 RM	750	750	UPS	7590101	1432292	4
Eaton 5115 RM	1000	1000	UPS	7590102	1432293	4
Eaton 5115 RM	1400	1400	UPS	7590102	1432293	6

Do you need more information?

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Eaton 5125	1000i	1000	UPS	7590116	1432295	2
Eaton 5125	1500i	1500	UPS	7590115	1432294	4
Eaton 5125	2200i	2200	UPS	2948022	1476460	4
Eaton 5125	1000 EBM	1000	Extended Battery Module	7590116	1432295	8
Eaton 5125	1500 EBM	1500	Extended Battery Module	7590116	1432295	8
Eaton 5125	2200 EBM	2200	Extended Battery Module	7590116	1432295	8
Eaton 5125 RM	6000	6000	UPS	7590115	1432294	20
Eaton 5125 RM	6000 EBM	6000	Extended Battery Module	7590116	1432295	20
Eaton 5130	1250 XL2U	1250	UPS	7590115	1432294	4
Eaton 5130	1750 XL2U	1750	UPS	7590116	1432295	4
Eaton 5130	2500 XL2U	2500	UPS	7590115	1432294	6
Eaton 5130	3000 XL2U	3000	UPS	7590116	1432295	6
Eaton 5130	3000 XL3U	3000	UPS	7590116	1432295	6
Eaton 5130	1250 EXB2U	1250	Extended Battery Module	7590116	1432295	8
Eaton 5130	1750 EXB2U	1250	Extended Battery Module	7590116	1432295	8
Eaton 5130	2500 EXB2U	2500	Extended Battery Module	7590116	1432295	12
Eaton 5130	3000 EXB2U	3000	Extended Battery Module	7590116	1432295	12
Eaton 5130	2500 EXB3U	2500	Extended Battery Module	7590116	1432295	12
Eaton 5130	3000 EXB3U	3000	Extended Battery Module	7590116	1432295	12
Eaton 9120	5000	5000	UPS	7590115	1432294	20
Eaton 9120	6000	6000	UPS	7590115	1432294	20
Eaton 9120	5000 EBM	5000	Extended Battery Module	7590115	1432294	40
Eaton 9120	6000 EBM	6000	Extended Battery Module	7590115	1432294	40
Eaton 9130 Rack	1000R-XL2U	1000	UPS	7590116	1432295	3
Eaton 9130 Rack	1500R-XL2U	1500	UPS	7590116	1432295	4
Eaton 9130 Rack	2000R-XL2U	2000	UPS	7590116	1432295	6
Eaton 9130 Rack	3000R-XL2U	3000	UPS	7590116	1432295	6
Eaton 9130 Rack	1000R EBM	1000	Extended Battery Module	7590116	1432295	6
Eaton 9130 Rack	1500R EBM	1500	Extended Battery Module	7590116	1432295	8
Eaton 9130 Rack	2000R EBM	2000	Extended Battery Module	7590116	1432295	12
Eaton 9130 Rack	3000R EBM	3000	Extended Battery Module	7590116	1432295	12
Eaton 9130 Tower	700T-XL	700	UPS	7590116	1432295	2
Eaton 9130 Tower	1000T-XL	1000	UPS	7590116	1432295	3
Eaton 9130 Tower	1500T-XL	1500	UPS	7590116	1432295	4
Eaton 9130 Tower	2000T-XL	2000	UPS	7590116	1432295	8
Eaton 9130 Tower	3000T-XL	3000	UPS	7590116	1432295	8
Eaton 9130 Tower	5000T-XL	5000	UPS	7590115	1432294	20
Eaton 9130 Tower	6000T-XL	6000	UPS	7590115	1432294	20
Eaton 9130 Tower	1000T EBM	1000	Extended Battery Module	7590116	1432295	6
Eaton 9130 Tower	1500T EBM	1500	Extended Battery Module	7590116	1432295	8
Eaton 9130 Tower	2000T EBM	2000	Extended Battery Module	7590116	1432295	16
Eaton 9130 Tower	3000T EBM	3000	Extended Battery Module	7590116	1432295	16
Eaton 9130 Tower	5000/6000T EBM	5000/6000	Extended Battery Module	7590115	1432294	40
Eaton 9135	5000/6000 XL3UEU	5000/6000	UPS	2001627	1554718	15
Eaton 9135	5000 XL3UEU	5000	Extended Battery Module	2001627	1554718	30
Eaton 9135	6000 XL3UEU	6000	Extended Battery Module	2001627	1554718	30
Eaton 9140	7,5 kVA	7500	UPS	2001627	1554718	32
Eaton 9140	10 kVA	10000	UPS	2001627	1554718	32
Eaton 9140	EBM 3HE	7500	Extended Battery Module	2001627	1554718	32
Eaton 9140	EBM 3HE	10000	Extended Battery Module	2001627	1554718	32

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Eaton Ellipse ASR	450	450	UPS	2001627	1554718	1
Eaton Ellipse ASR	600	600	UPS	7590115	1432294	1
Eaton Ellipse ASR	750	750	UPS	7590116	1432295	1
Eaton Ellipse ASR	1000	1000	UPS	7590115	1432294	2
Eaton Ellipse ASR	1500	1500	UPS	7590115	1432294	3
Eaton Ellipse ECO	500 DIN	500	UPS	2001627	1554718	1
Eaton Ellipse ECO	500 IEC	500	UPS	2001627	1554718	1
Eaton Ellipse ECO	650 DIN	650	UPS	7590115	1432294	1
Eaton Ellipse ECO	650 IEC	650	UPS	7590115	1432294	1
Eaton Ellipse ECO	650 USB DIN	650	UPS	7590115	1432294	1
Eaton Ellipse ECO	650 USB IEC	650	UPS	7590115	1432294	1
Eaton Ellipse ECO	800 USB DIN	800	UPS	7590116	1432295	1
Eaton Ellipse ECO	800 USB IEC	800	UPS	7590116	1432295	1
Eaton Ellipse ECO	1200 USB DIN	1200	UPS	7590115	1432294	2
Eaton Ellipse ECO	1200 USB IEC	1200	UPS	7590115	1432294	2
Eaton Ellipse ECO	1600 USB DIN	1600	UPS	7590116	1432295	2
Eaton Ellipse ECO	1600 USB IEC	1600	UPS	7590116	1432295	2
Eaton Ellipse MAX	600	600	UPS	7590115	1432294	1
Eaton Ellipse MAX	850	850	UPS	7590115	1432294	2
Eaton Ellipse MAX	1100	1100	UPS	7590115	1432294	2
Eaton Ellipse MAX	1500	1500	UPS	7590116	1432295	2
Eaton Evolution	650VA Tower	650	UPS	7590116	1432295	1
Eaton Evolution	850VA Tower	850	UPS	7590115	1432294	2
Eaton Evolution	1150 VA Tower	1150	UPS	7590116	1432295	2
Eaton Evolution	1550 VA Tower	1550	UPS	7590116	1432295	3
Eaton Evolution	650VA Rack	650	UPS	7590102	1432293	2
Eaton Evolution	850VA Rack	850	UPS	7590101	1432292	4
Eaton Evolution	1150 VA Rack	1150	UPS	7590102	1432293	4
Eaton Evolution	1550 VA Rack	1550	UPS	7590102	1432293	6
Eaton Evolution	2000 VA Kombi	2000	UPS	7590116	1432295	4
Eaton Evolution S	1250 VA Kombi	1250	UPS	7590115	1432294	4
Eaton Evolution S	1750 VA Kombi	1750	UPS	7590116	1432295	4
Eaton Evolution S	2500 VA Kombi	2500	UPS	7590115	1432294	6
Eaton Evolution S	3000 VA Kombi	3000	UPS	7590116	1432295	6
Eaton Evolution S	EXB 1250 VA	1250	Extended Battery Module	7590116	1432295	8
Eaton Evolution S	EXB 1750 VA	1750	Extended Battery Module	7590116	1432295	8
Eaton Evolution S	EXB 3000 VA	3000	Extended Battery Module	7590116	1432295	12
Eaton Evolution S	EXB 2500 VA	2500	Extended Battery Module	7590116	1432295	12
Eaton EX	700	700	UPS	7590115	1432294	2
Eaton EX	1000	1000	UPS	7590115	1432294	3
Eaton EX	1500	1500	UPS	7590116	1432295	3
Eaton EX	1000/1500 EXB	1000/1500	Extended Battery Module	7590116	1432295	6
Eaton EX	2200	2200	UPS	7590115	1432294	6
Eaton EX	2200/3000 EXB	2200/3000	Extended Battery Module	7590116	1432295	12
Eaton EX	3000 EXB	3000	Extended Battery Module	7590116	1432295	12
Eaton EX RT	EX 5 RT EXB	5000	Extended Battery Module	7590115	1432294	20
Eaton EX RT	EX 7 RT EXB	7000	Extended Battery Module	7590115	1432294	20
Eaton EX RT	EX 11 RT EXB	11000	Extended Battery Module	7590116	1432295	20
Eaton MX	4000	4000	UPS	2001627	1554718	15
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Eaton MX	4000 EXB	4000	Extended Battery Module	2001627	1554718	30
Eaton MX	5000 EXB	5000	Extended Battery Module	2001627	1554718	30
Eaton MX	4000/5000 SUB	4000/5000	Extended Battery Module	2001627	1554718	15
Eaton MX Frame	15000 16U	15000	UPS	2001627	1554718	45
Eaton MX Frame	20000 16U	20000	UPS	2001627	1554718	60
Eaton Protection	500	500	UPS	2001627	1554718	1
Eaton Protection	650	650	UPS	7590115	1432294	1
Eaton Protection	800	800	UPS	7590116	1432295	1
Eaton 5P	650i	650	UPS	7590116	1432295	1
Eaton 5P	850i	850	UPS	7590115	1432294	2
Eaton 5P	1150i	1150	UPS	7590116	1432295	2
Eaton 5P	1550i	1550	UPS	7590116	1432295	3
Eaton 5P Rack	650i	650	UPS	7590102	1432293	2
Eaton 5P Rack	850i	850	UPS	7590101	1432292	4
Eaton 5P Rack	1150i	1150	UPS	7590102	1432293	4
Eaton 5P Rack	1550i	1550	UPS	7590102	1432293	6
Eaton5SC	500i	500	UPS	7590116	1432295	1
Eaton5SC	750i	750	UPS	7590115	1432294	2
Eaton5SC	1000i	1000	UPS	7590116	1432295	2
Eaton5SC	1500i	1500	UPS	7590116	1432295	3

Without cable, plastic case and fusing plug! (Compatible batteries)

Or use the Eaton UPS Battery Selector

<http://powerquality.eaton.com/batteryselector/>

Please use the menu to select your Eaton UPS model. The menu also includes replacement batteries from legacy brands and models, including those from Exide Electronics, Deltec, Powerware, MGE Office Protection Systems and Best Power.

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Most batteries should **last three to six years**. There are many factors which affect Battery life including environment and number of discharges. Below are some guidelines to ensure optimum life expectancy:



Temperature - The temperature of the battery within its environment will affect its capacity and therefore the available runtime. Capacity decreases at lower temperatures and increases at higher temperatures.

Age of the battery - A new battery will only reach its optimum capacity after a two or three discharge and charge cycles, plus as it ages its capacity will decrease, typically down to approximately 80% at the end of its life.

Temperature & battery life - Whilst the capacity of a battery will increase at higher temperatures its life will be reduced, typically by 50% for every 10 deg Celsius rise above 25 deg Celsius.

Recharging the battery - Whilst a battery will recharge to 90% capacity fairly quickly, it can take up to 72 hours to reach its full capacity again. This is because as the battery approaches its fully charged state it becomes more difficult to get energy back into the battery.

The frequency and depth of discharge cycles - The frequency and depth of discharge will affect the life and capacity of the battery, reducing with a higher number and depth of cycles.

The load itself - In particular the actual size of the load compared with the theoretical load.

The load characteristic - The runtime calculation is based on tests with resistive load and may differ with inductive or capacitive load.

Light load accuracy - The estimated runtime values quoted on the web are based on an algorithm which tends to be less accurate for light loads and long runtime applications.

Storage - When a battery is stored, be that within a UPS that is not connected, it will gradually lose capacity through self discharge, a situation which is accelerated at higher storage temperatures. So providing the storage period and temperature has not exceeded the typical battery manufactures specification the battery will return to near full capacity, but sufficient recharge time, 48 - 72 hours must be allowed for the capacity to be recovered. Typical maximum storage period is 12 months at 25 deg Celsius, 8 months at 30 deg Celsius and 4 months at 40 deg Celsius.

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