

INSTRUCTIONS:

In order to choose the correct UPS you must know how what your current & future load is.

1. Use the chart below to work out how many Watts your equipment uses.
2. Keep in mind possible future equipment that might be added that will increase the load.
3. Once you know the total Wattage choose a UPS that can provide the power & duration required

The Power consumption examples below are a guide. Depending on the equipment a PC might use more or less power than specified. The information below is just a Guide It is better to make extra provision for the power consumption of your equipment as under provisioning

Estimated Power Consumption	Maximum W (Watt)	Average W (Watt)
Standard PC With 17" LCD	250	150
Standard PC With 17" CRT Screen	300	220
PBX with 5 Extensions	150	80
Access Point, Switch or Router	30	15



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Examples

E.g. - 2 X PC's with LCD Screens will use a maximum of 500w.

Your desired runtime is 3 Hours.

The unit that suits this requirement would be the SUA750XLI + 2 X SU24XLBP Batteries
 The total cost would be R 9 505.68

E.g. - 3 X PC's With LCD Screens, 3Hours Runtime. - SUA1000XLI + (1)UXBP24

If the PC's were all running at full load (750w) then this unit would be close to capacity. But it is unlikely that all the PC's will be at full load.

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APC Smart-UPS XL 750VA	400w	600w	UPS	Qty	Bat Pack	Bat Total	Price
SUA750XLI	34 min	17 min	4 074.59			=	R 4 074.59
SUA750XLI + (1)SUA24XLBP	2hr 36min	1hr 36min	4 074.59	+	1 2 715.55	2 715.55 =	R 6 790.14
SUA750XLI + (2)SUA24XLBP	4hr 41min	3hr 1min	4 074.59	+	2 2 715.55	5 431.10 =	R 9 505.68
SUA750XLI + (1)UXBP24	9hr 9min	6hr 2min	4 074.59	+	1 6 687.64	6 687.64 =	R 10 762.23

Run times of over 24 hours can be achieved by adding up to 4 extra batteries

APC Smart-UPS XL 1000VA	400w	600w	800w	UPS	Qty	Bat Pack	Price
SUA1000XLI	34min	17min	10min	5 434.89		=	R 5 434.89
SUA1000XLI + (1)SUA24XLBP	2hr 36min	1hr 36min	1hr 6min	5 434.89	+	1 2 715.55	2 715.55 = R 8 150.44
SUA1000XLI + (2)SUA24XLBP	4hr 41min	3hr 1min	2hr 9min	5 434.89	+	2 2 715.55	5 431.10 = R 10 865.99
SUA1000XLI + (1)UXBP24	9hr 9min	6hr 2min	4hr 26min	5 434.89	+	1 6 687.64	6 687.64 = R 12 122.53

Run times of over 18hrs hours can be achieved by adding up to 4 extra batteries

APC Smart-UPS XL 2200VA	400w	600w	800w	1000w	1400w	1800w	UPS	Qty	Bat Pack	Price
SUA2200XLI	1hr 16min	48min	34min	26min	16min	11min	10 487.64			= R 10 487.64
SUA2200XLI + (1)SU48XLBP	4hr 48min	3hr 7min	2hr 16min	1hr 46min	1hr 11min	53min	10 487.64	+	1 5 562.70	5 562.70 = R 16 050.33
SUA2200XLI + (2)SU48XLBP	8hr 48min	5hr 45min	4hr 12min	3hr 17min	2hr 14min	1hr 39min	10 487.64	+	2 5 562.70	11 125.40 = R 21 613.03
SUA2200XLI + (3)SU48XLBP	13hr 0min	8hr 34min	6hr 17min	4hr 54min	3hr 21min	2hr 30min	10 487.64	+	3 5 562.70	16 688.10 = R 27 175.73
SUA2200XLI + (4)SU48XLBP	17hr 35min	11hr 32min	8hr 27min	6hr 37min	4hr 31min	3hr 23min	10 487.64	+	4 5 562.70	22 250.79 = R 32 738.43

Up to 10 Extra battery packs can be added to extend runtime at full load of 1800w to 9hrs 17min

APC Smart-UPS XL 3000VA	800w	1000w	1200w	1600w	2000w	2500w	UPS	Qty	Bat Pack	Price
SUA3000XLI	34min	26min	20min	13min	9min	6min	14 149.70			= R 14 149.70
SUA3000XLI + (1)SU48XLBP	2hr 16min	1hr 46min	1hr 25min	1hr	46min	35min	14 149.70	+	1 5 562.70	5 562.70 = R 19 712.40
SUA3000XLI + (2)SU48XLBP	4hr 10min	3hr 17min	2hr 40min	1hr 54min	1hr 28min	1hr 7min	14 149.70	+	2 5 562.70	11 125.40 = R 25 275.10
SUA3000XLI + (3)SU48XLBP	6hr 17min	4hr 54min	4hrs	2hr 52min	2hr 13min	1hr 42min	14 149.70	+	3 5 562.70	16 688.10 = R 30 837.80
SUA3000XLI + (4)SU48XLBP	8hr 27min	6hr 37min	5hr 23min	3hr 53min	3hr 0min	2hr 18min	14 149.70	+	4 5 562.70	22 250.79 = R 36 400.50
SUA3000XLI + (8)SU48XLBP	17hr 54min	14hr 0min	11hr 26min	8hr 16min	6hr 24min	4hr 57min	14 149.70	+	8 5 562.70	44 501.59 = R 58 651.29

Up to 10 Extra battery packs can be added to extend runtime at full load of 2500w to 6hrs 22min

Prices Exclude VAT & Delivery

UPS Extended Runtime Units



APC Smart-UPS XL 750VA



APC Smart-UPS XL 1000VA

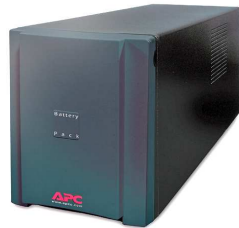


APC Smart-UPS XL 2200VA



APC Smart-UPS XL 3000VA

Modular Battery Packs



SUA24XLBP (Front)



SUA24XLBP (Rear)

UPS with 2X SUA24XLBP



PC's or other provisioned equipment plugs directly into the back of the UPS.

APC Smart-UPS XL 2200VA - Rear



SU48XLBP - Smart-UPS XL 48V Battery Pack

