



UPS – Circuit Breakers & Wire Size

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Model	USP Nominal Rating kVA / kW	Circuit Breakers Size Ampere	Input Volt	Cable Size mm ²	Output Volt
Smart UPS	2,2 kVA / 1,6 kW	13 A	1x230	1,5 mm ²	1x230
Smart UPS & SURT	3 kVA / 2,1 kW	16 A	1x230	2,5 mm ²	1x230
Smart UPS & SURT	5 kVA / 3,5 kW	25 / 32 A	1x230	6 mm ²	1x230
Smart UPS SURT	8 kVA / 6,4 kW	50 A	3x400/230	10 mm ²	1x230
Smart UPS SURT	10 kVA / 8 kW	63 A	3x400/230	16 mm ²	1x230
Smart UPS SURT	15 kVA / 12 kW	35 / 100 A	3x400/230	6 / 35 mm ²	3x400/230
Smart UPS SURT	20 kVA / 16 kW	50 / 125 A	3x400/230	10 / 50 mm ²	3x400/230
Smart UPS SRT	5 kVA / 4,5 kW	40 A	230	10 mm ²	230
Smart UPS SRT	6 kVA / 6 kW	50 A	230	16 mm ²	230
Smart UPS SRT	8 kVA / 8 kW	63 A	3x400/230	16 mm ²	230
Smart UPS SRT	10 kVA / 10 kW	80 A	3x400/230	16 mm ²	230
Symmetra LX	6 kVA / 4,2 kW	32 A	1x230	6 mm ²	1x230
Symmetra LX	8 kVA / 5,6 kW	50 A	3x400/230	16 mm ²	1x230
Symmetra LX	16 kVA / 11,2 kW	100 A	3x400/230	25 mm ²	1x230
Smart UPS VT	10 kVA / 8 kW	16 A	3x400	4 mm ²	3x400
Smart UPS VT	15 kVA / 12 kW	25 A	3x400	6 mm ²	3x400
Smart UPS VT	20 kVA / 16 kW	35 A	3x400	10 mm ²	3x400
Smart UPS VT	30 kVA / 24 kW	50 A	3x400	16 mm ²	3x400
Smart UPS VT	40 kVA / 32 kW	63 A	3x400	25 mm ²	3x400
1 x 230 Volt = L1, N, PE					
3 x 400/230 Volt = L1, L2, L3, N, PE					

The commonly-available preferred values for the rated current are 6, 10, 13, 16, 20, 25, 35, 40, 50, 63, 80 and 100 A.
 The commonly-available preferred values for the wire sizes are 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150 mm².

All circuit breakers according to APC specifications.

Comment: For all 3:1 UPS; (for example the SURT 8000VA) the dimension for the circuit breakers is as much, that the 1-phase bypass can be used!

The circuit breakers can only with an isolation transformer 400V in / 230V out; (additional costs of 2'5 to 4 kFr.) be minimised.

Wünschen Sie mehr Informationen?

Kontaktieren Sie uns unter: [041 266 11 11](tel:+41412661111) oder apc-ch@also.com