

SmartOnline® SV-Series 3-Phase UPS Systems

Small Frame (30U) including Battery Module(s)

Maximum Current and Power Cable Configuration

Note: use copper wire with minimum temperature rating of 221°F (105°C).

	SV20KS1P0B	SV20KS1P1B	SV20KS1P2B	SV20KS1P3B	SV40KS2P0B	SV40KS2P2B	SV40KS2P3B	SV60KS3P0B	SV60KS3P3B
Max Input Current	60A	60A	60A	60A	120A	120A	120A	180A	180A
Rec. OCPD (A)	Rec. OCPD approx. 125% of Max AC Input Current								
Power & Ground Cable	6 AWG 13 mm ²	6 AWG 13 mm ²	6 AWG 13 mm ²	6 AWG 13 mm ²	1 AWG 42 mm ²	1 AWG 42 mm ²	1 AWG 42 mm ²	3/0 AWG 85 mm ²	3/0 AWG 85 mm ²
Fixation Torque Force	2.26 N-m								
Heat Dissipation (BTU/hr)	5766	5766	5766	5766	12249	12249	12249	18223	18223
Dimensions (HxWxD in.)	58 x 23.64 x 43.3								
Weight (lb.)	648	878	1108	1338	724	1184	1637	800	1490
Floor Loading (lb/ft ²)	91.14	123.49	155.84	188.19	101.83	166.53	230.24	112.52	209.56

Note: Terminal stud size is M8 screw and nut.

DC Input Maximum Current and Power Cable Configuration

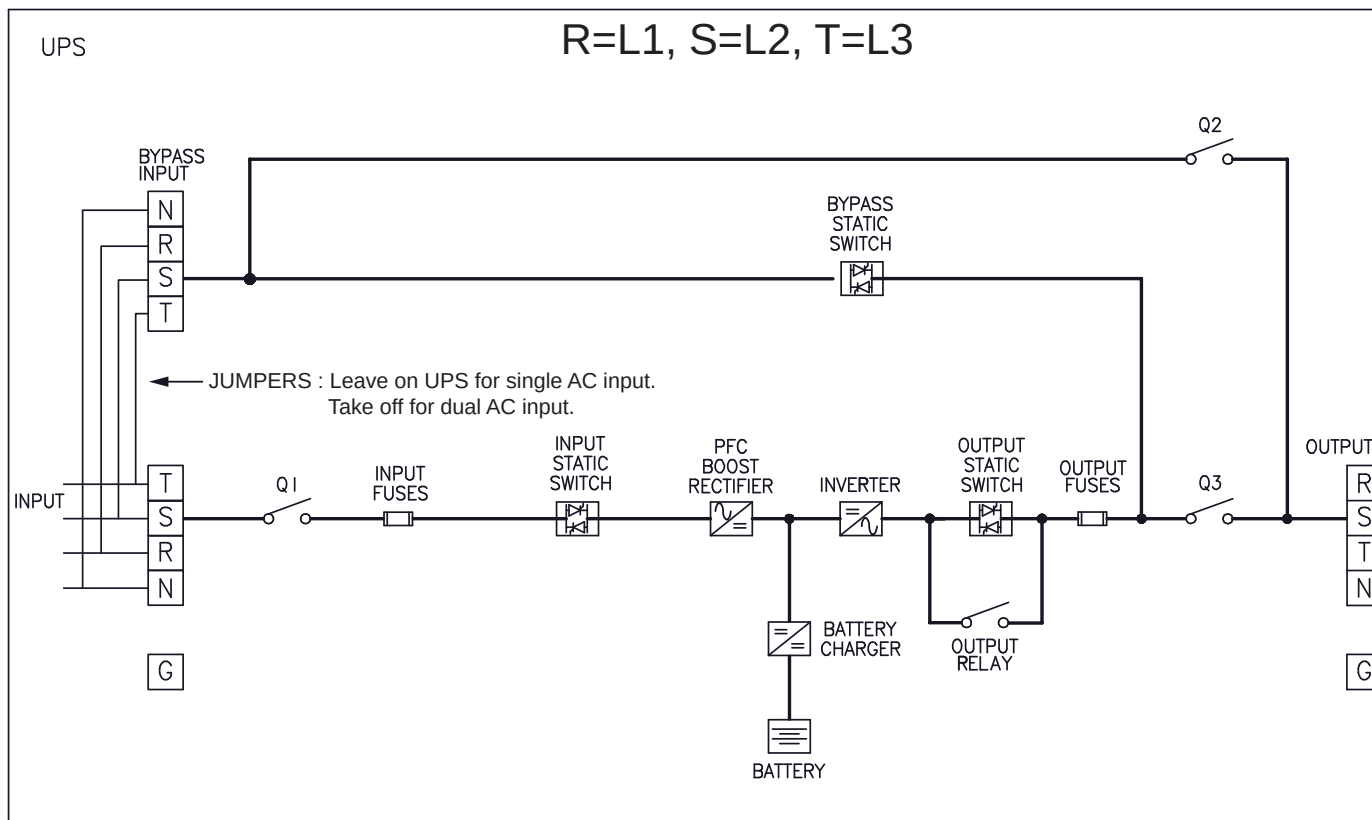
Nominal Battery Voltage: +/-120V DC

	SV20KS1P0B	SV20KS1P1B	SV20KS1P2B	SV20KS1P3B	SV40KS2P0B	SV40KS2P2B	SV40KS2P3B	SV60KS3P0B	SV60KS3P3B
Rec. Ext. Batt. Breaker	100A	100A	100A	100A	200A	200A	200A	300A	300A
Power & Ground Cable	3 AWG 25 mm ²	3 AWG 25 mm ²	3 AWG 25 mm ²	3 AWG 25 mm ²	4/0 AWG 95 mm ²	4/0 AWG 95 mm ²	4/0 AWG 95 mm ²	300 MCM 150 mm ²	300 MCM 150 mm ²
Fixation Torque Force	2.26 N-m								

Note: Terminal stud size is M8 screw and nut.



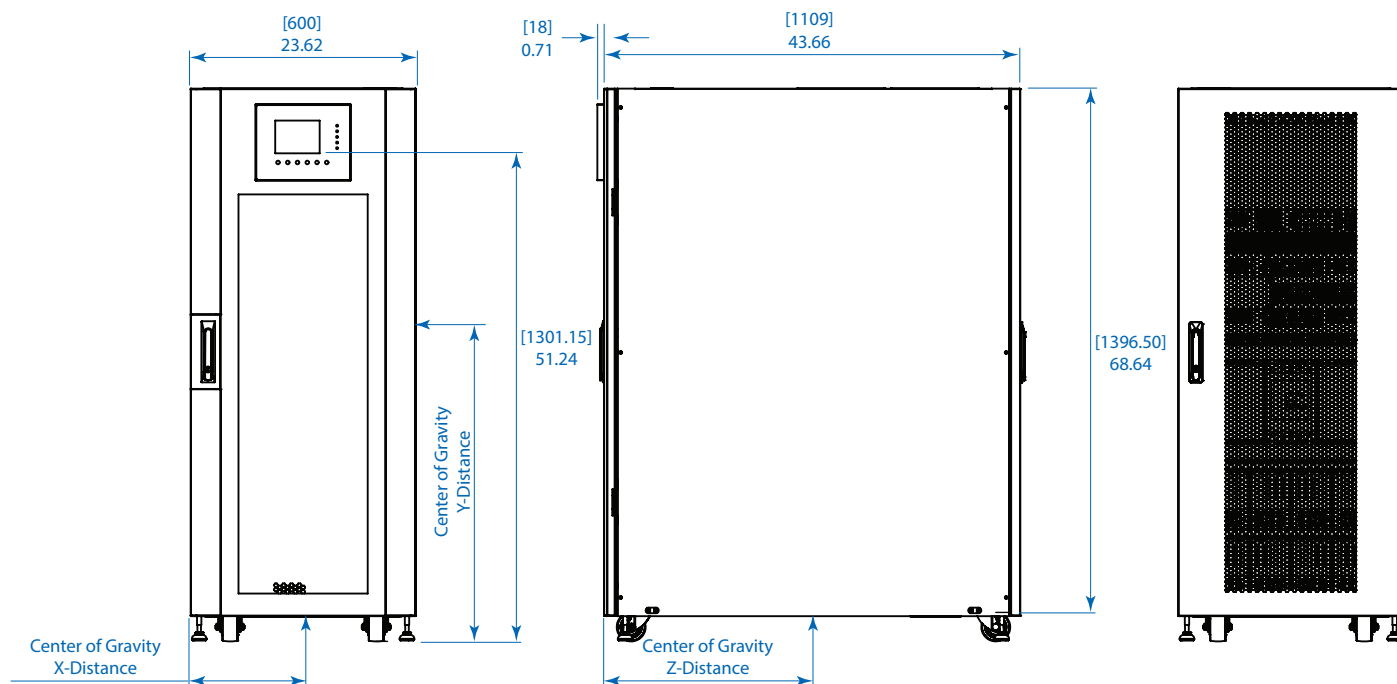
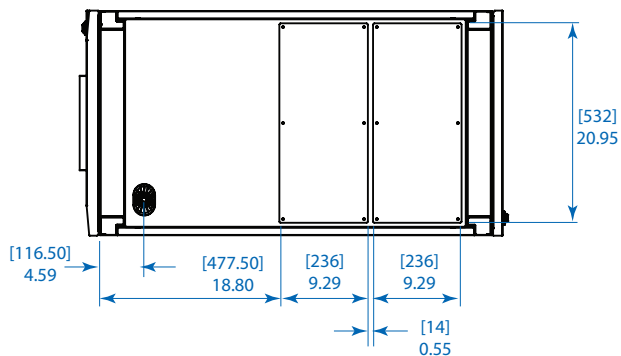
1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1234
www.tripplite.com



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including Battery Module(s)



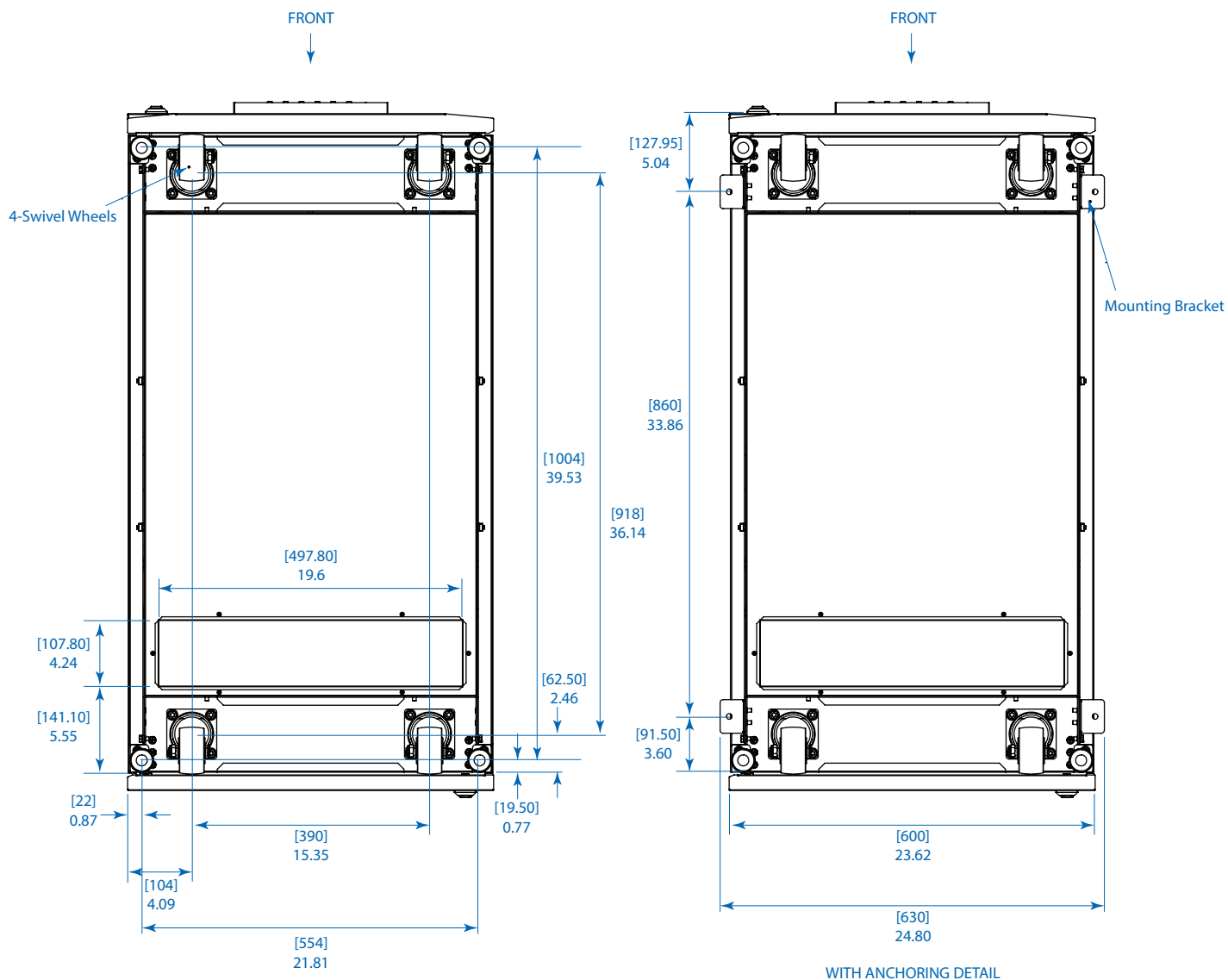
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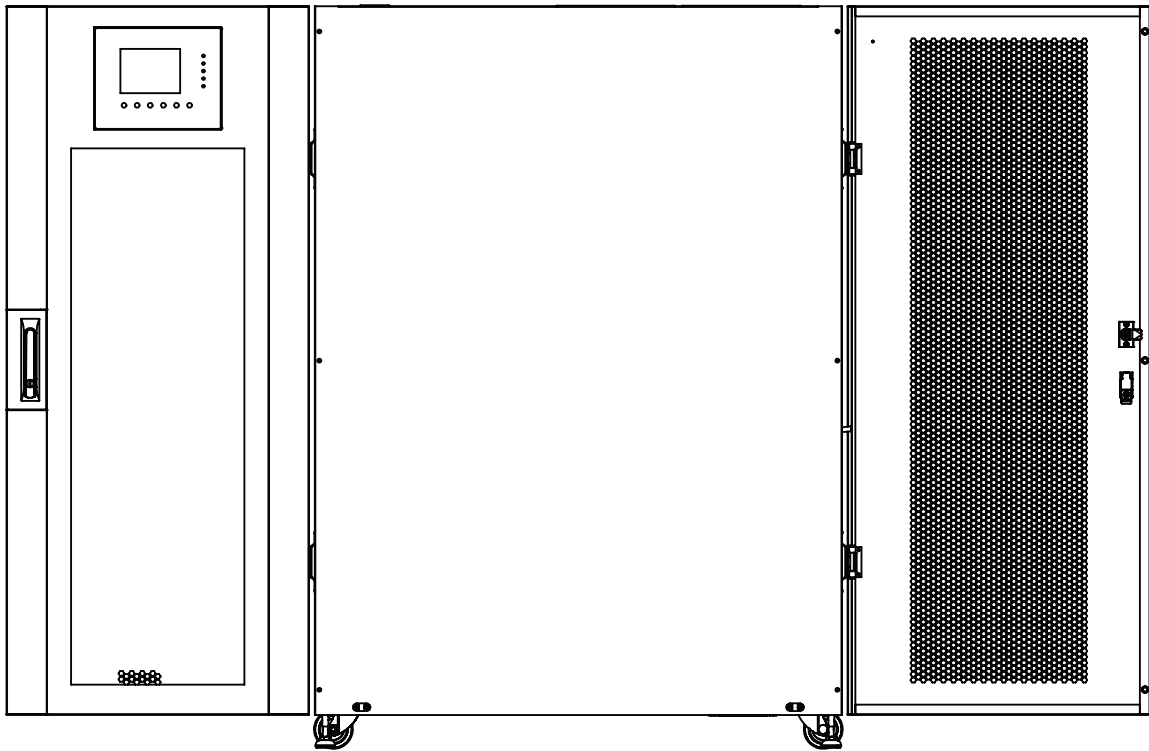
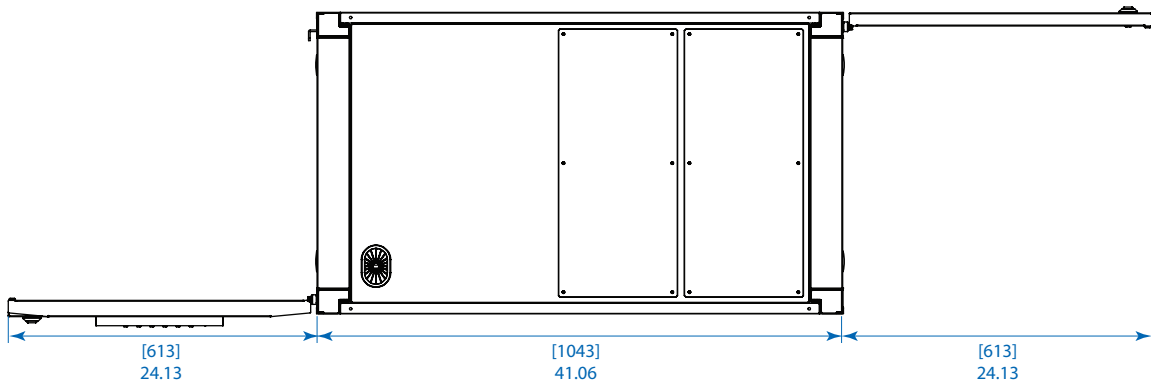
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Dimensions: [mm] INCHES

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