

SmartOnline® SV-Series 3-Phase UPS Systems

Medium Frame (42U) including Battery Module(s)

Maximum Current and Power Cable Configuration

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

	SV20KM1P0B	SV20KM1P1B	SV20KM1P2B	SV20KM1P3B	SV20KM1P4B	SV40KM2P0B	SV40KM2P2B
Max Input Current	60A	60A	60A	60A	60A	120A	120A
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	6 AWG 13 mm ²	1 AWG 42 mm ²	1 AWG 42 mm ²
Fixation Torque Force	2.26 N-m						
Heat Dissipation (BTU/hr)	5766	5766	5766	5766	5766	12249	12249
Dimensions (HxWxD in.)	79 x 23.64 x 43.3						
Weight (lb.)	679	909	1139	1369	1599	755	1215
Floor Loading (lb/ft ²)	95.35	127.85	160.2	192.55	224.89	106.19	170.89

	SV40KM2P3B	SV40KM2P4B	SV60KM3P0B	SV60KM3P3B	SV60KM3P4B	SV80KM4P0B	SV80KM4P4B
Max Input Current	120A	120A	180A	180A	180A	240A	240A
Rec. OCPD (A)	Rec. OCPD approx. 125% of Max AC Input Current						
Power & Ground Cable	1 AWG 42 mm ²	1 AWG 42 mm ²	3/0 AWG 85 mm ²	3/0 AWG 85 mm ²	3/0 AWG 85 mm ²	250 MCM 126 mm ²	250 MCM 126 mm ²
Fixation Torque Force	2.26 N-m						
Heat Dissipation (BTU/hr)	12249	12249	18223	28223	28223	24297	24297
Dimensions (HxWxD in.)	79 x 23.64 x 43.3						
Weight (lb.)	1445	1675	831	1521	1751	907	1827
Floor Loading (lb/ft ²)	203.23	235.58	116.88	213.92	246.27	127.57	256.96

Note: Terminal stud size is M8 screw and nut.

DC Input Maximum Current and Power Cable Configuration

Nominal Battery Voltage: +/-120V DC

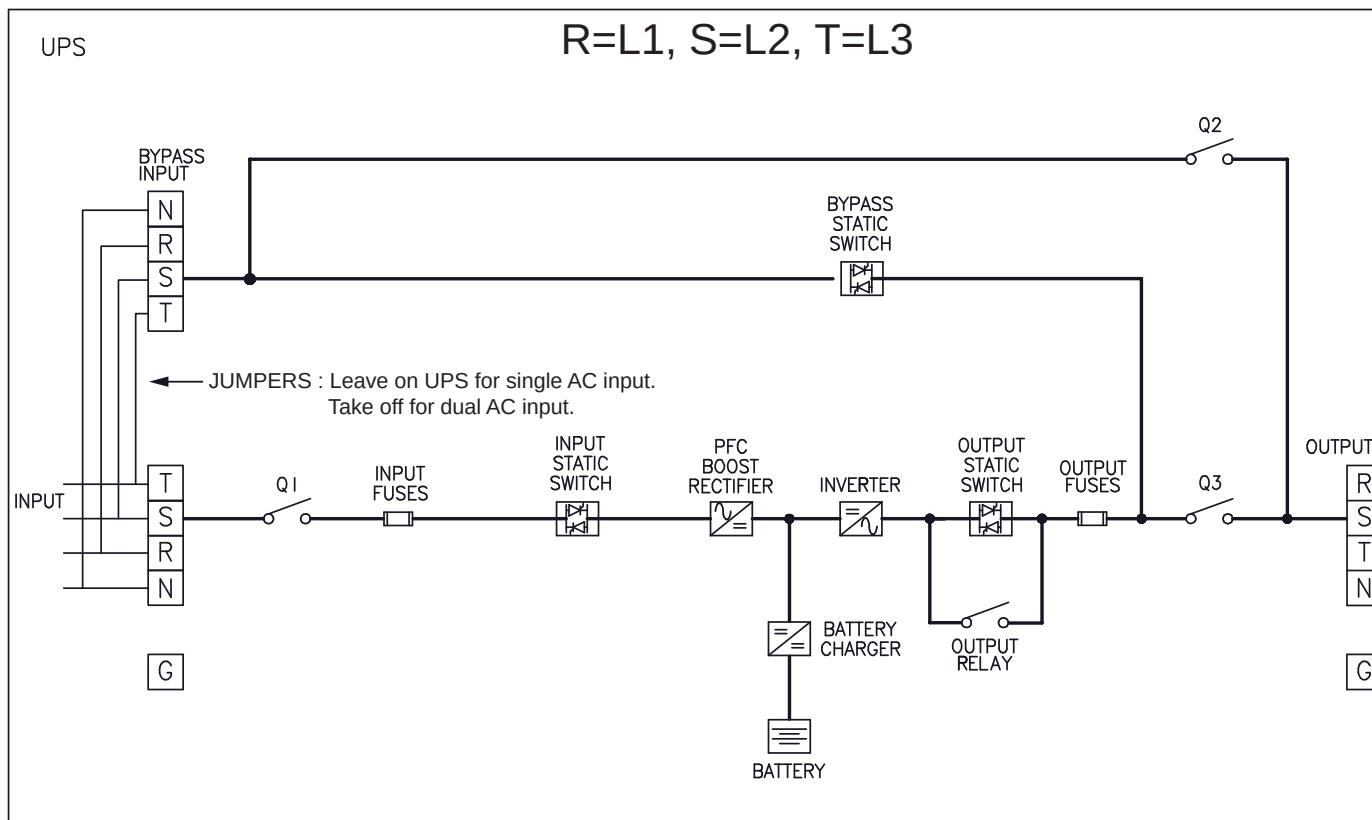
	SV20KM1P0B	SV20KM1P1B	SV20KM1P2B	SV20KM1P3B	SV20KM1P4B	SV40KM2P0B	SV40KM2P2B
Rec. Ext. Batt. Breaker	100A	100A	100A	100A	100A	200A	200A
Power & Ground Cable	3 AWG 25 mm ²	3 AWG 25 mm ²	3 AWG 25 mm ²	3 AWG 25 mm ²	3 AWG 25 mm ²	4/0 AWG 95 mm ²	4/0 AWG 95 mm ²
Fixation Torque Force	2.26 N-m						

	SV40KM2P3B	SV40KM2P4B	SV60KM3P0B	SV60KM3P3B	SV60KM3P4B	SV80KM4P0B	SV80KM4P4B
Rec. Ext. Batt. Breaker	200A	200A	300A	300A	300A	400A	400A
Power & Ground Cable	4/0 AWG 95 mm ²	4/0 AWG 95 mm ²	300 MCM 150 mm ²	300 MCM 150 mm ²	300 MCM 150 mm ²	600 MCM 300 mm ²	600 MCM 300 mm ²
Fixation Torque Force	2.26 N-m						

Note: Terminal stud size is M8 screw and nut.



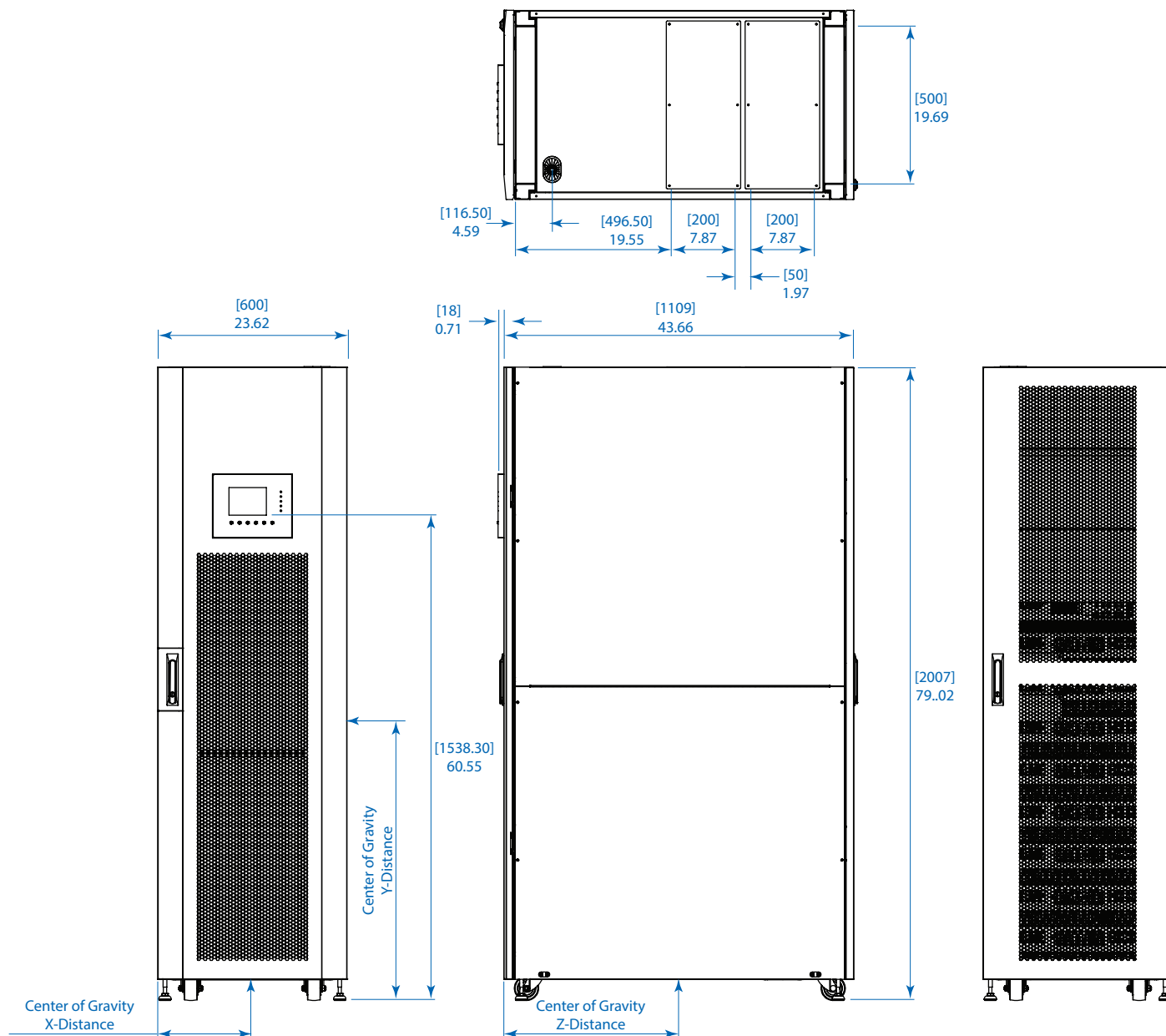
1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1234
www.tripplite.com



Medium Frame (42U)
including Battery Module(s)

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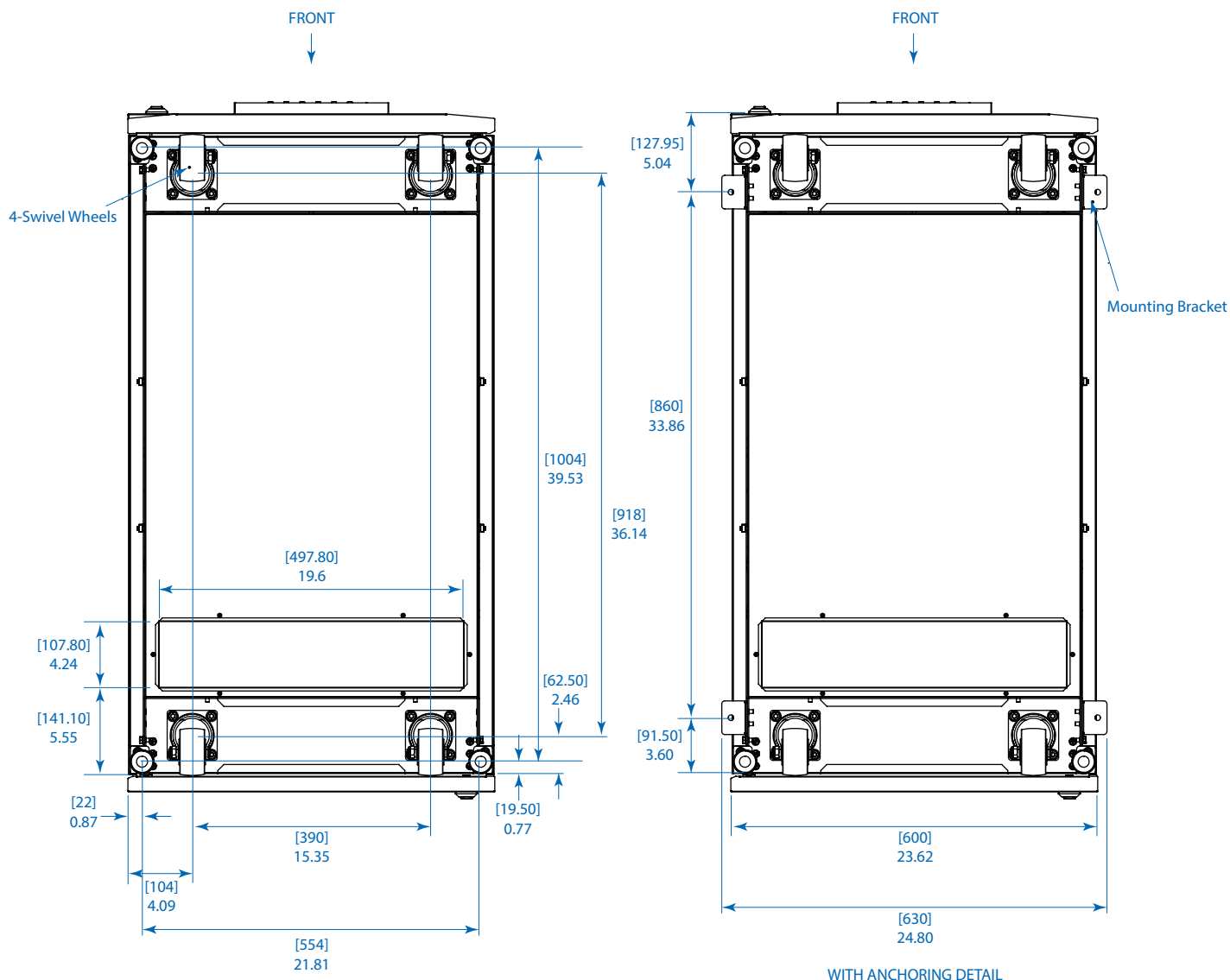
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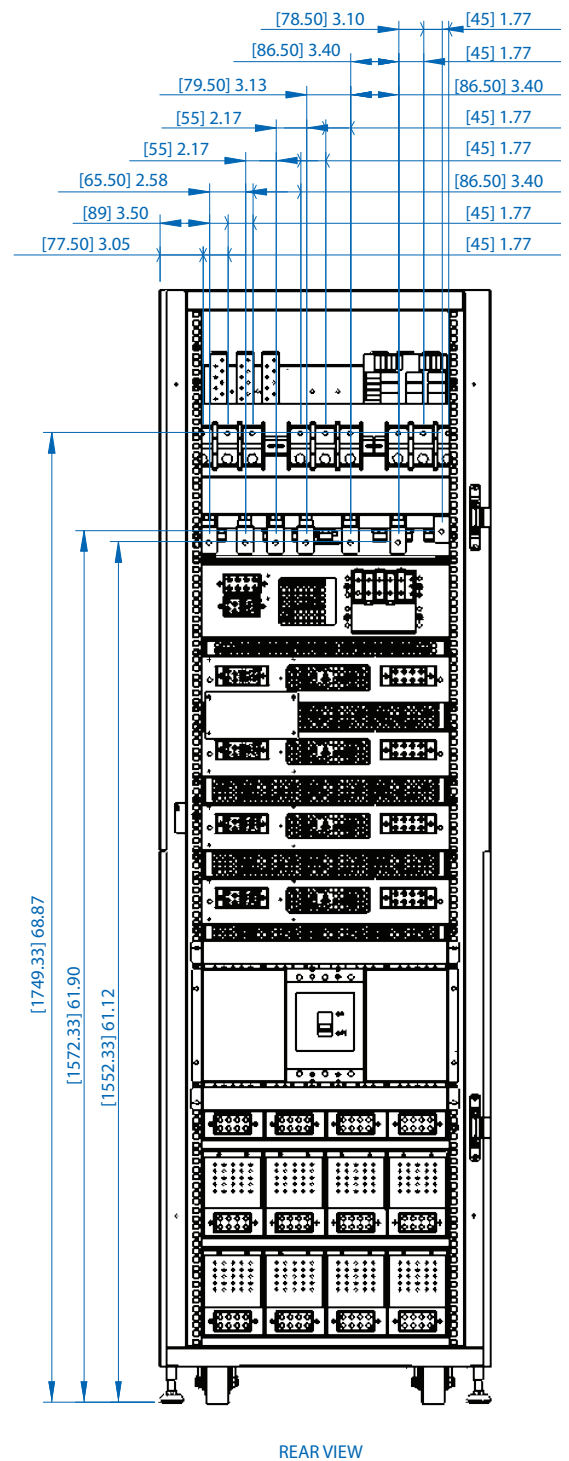
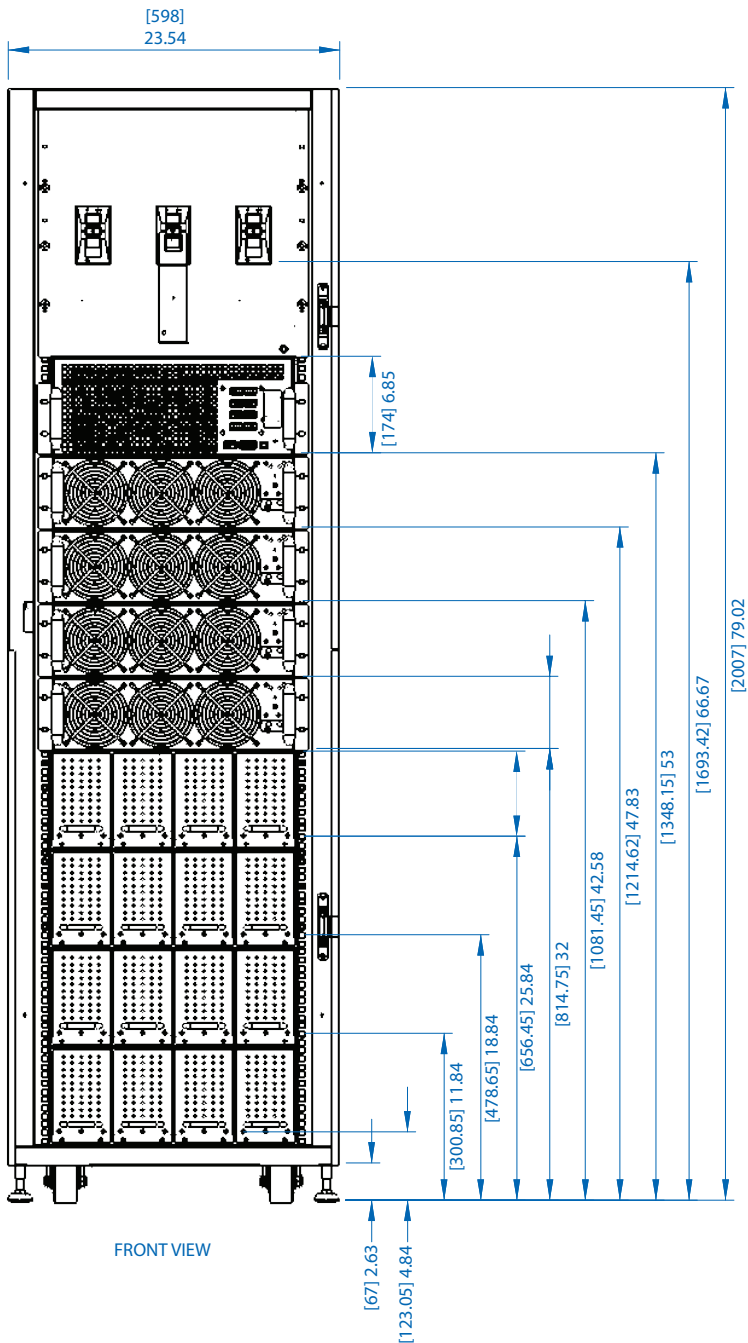
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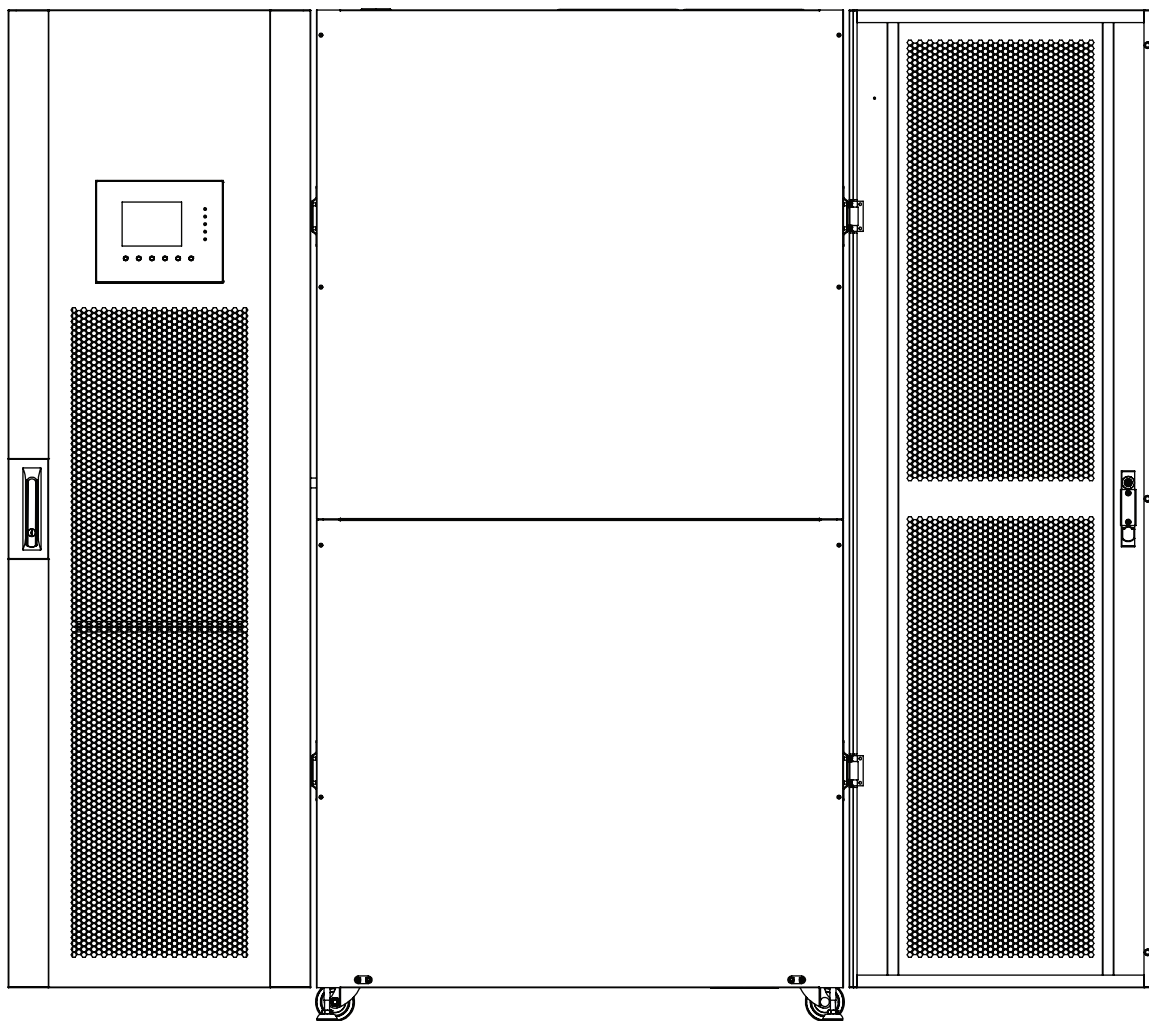
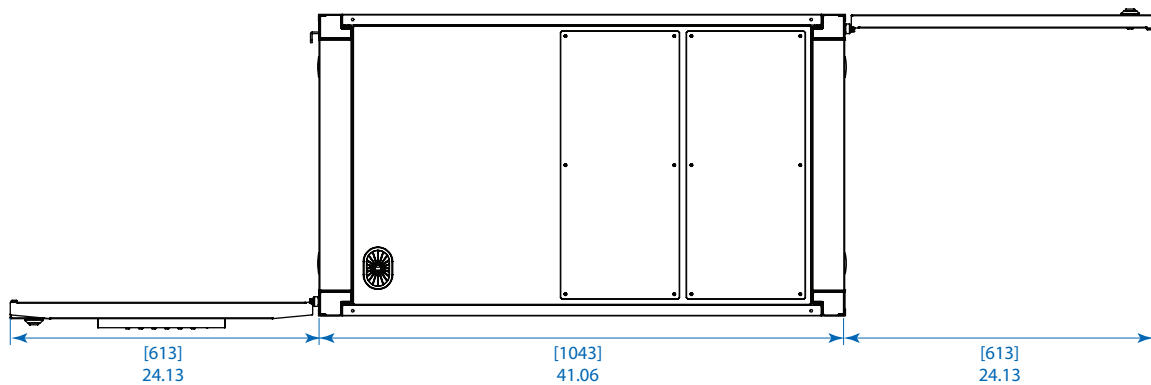
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Dimensions: [mm] INCHES

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