

SmartOnline® S3MT-Series

480V/208V and 600V/208V Input Isolation Transformers

480V and 600V Input Transformer	Input Current (A)	Output Current (A)	Heat Dissipation (BTU/hr)	Dimensions (HxWxD in/mm)	Weight (lb./kg)	Floor Loading (lb/ft²)/(kg/m²)
S3MT-20K480V	35.0	75.0	3413	47.2 x 17.4 x 33.5/ 1200 x 442 x 850	430/195	106.2/519.0
S3MT-30K480V	51.0	113.0	4915	47.2 x 17.4 x 33.5/ 1200 x 442 x 850	617/280	152.4/745.3
S3MT-60K480V	101.0	225.0	7167	47.2 x 23.6 x 33.5/ 1200 x 600 x 850	789/358	143.7/702.0
S3MT-100K480V	168.0	374.0	11263	47.2 x 23.6 x 33.5/ 1200 x 600 x 850	1078/489	196.4/958.8
S3MT-60K600V	81.0	225.0	7167	47.2 x 23.6 x 33.5/ 1200 x 600 x 850	789/358	143.7/702.0
S3MT-100K600V	134.0	374.0	11263	47.2 x 23.6 x 33.5/ 1200 x 600 x 850	1049/476	191.1/933.3

Power Cable Configuration

480V Input Transformers 20kW and 30kW	Cable Sizes (THHW wiring at 75°C)							
	AC Input		AC Output		Neutral		Grounding	
	Gauge	Torque	Gauge	Torque	Gauge	Torque	Gauge	Torque
S3MT-20K480V	10 AWG Max. 4 AWG	6.5 N•m	4 AWG Max. 4 AWG	6.5 N•m	4 AWG Max. 4 AWG	6.5 N•m	4 AWG Max. 4 AWG	6.5 N•m
S3MT-30K480V	6 AWG Max. 3 AWG	6.5 N•m	3 AWG Max. 3 AWG	6.5 N•m	3 AWG Max. 3 AWG	6.5 N•m	3 AWG Max. 3 AWG	6.5 N•m

480V & 600V Input Transformers 60kW/ 100kW	Cable Sizes (THHW wiring at 75°C)								
	AC Input		AC Output		Neutral		Grounding		Lug
	Gauge	Torque	Gauge	Torque	Gauge	Torque	Gauge	Torque	
S3MT- 60K480V	50mm² Max. 50mm²x2	25 N•m	50mm² Max. 50mm²x2	25 N•m	70mm²x2 Max. 70mm²x2	25 N•m	50mm² Max. 50mm²x2	25 N•m	M8
S3MT- 60K600V	35mm² Max. 50mm²x2	25 N•m	50mm² Max. 50mm²x2	25 N•m	70mm²x2 Max. 70mm²x2	25 N•m	50mm² Max. 50mm²x2	25 N•m	M8
S3MT- 100K480V	70mm²x2 Max. 120mm²x2	50 N•m	70mm²x2 Max. 95mm²x2	50 N•m	120mm²x2 Max. 120mm²x2	50 N•m	95mm² Max. 120mm²	50 N•m	M10
S3MT- 100K600V	50mm² Max. 70mm²x2	50 N•m	70mm²x2 Max. 95mm²x2	50 N•m	120mm²x2 Max. 120mm²x2	50 N•m	95mm² Max. 120mm²	50 N•m	M10



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

Kit Models: UPS + Transformers

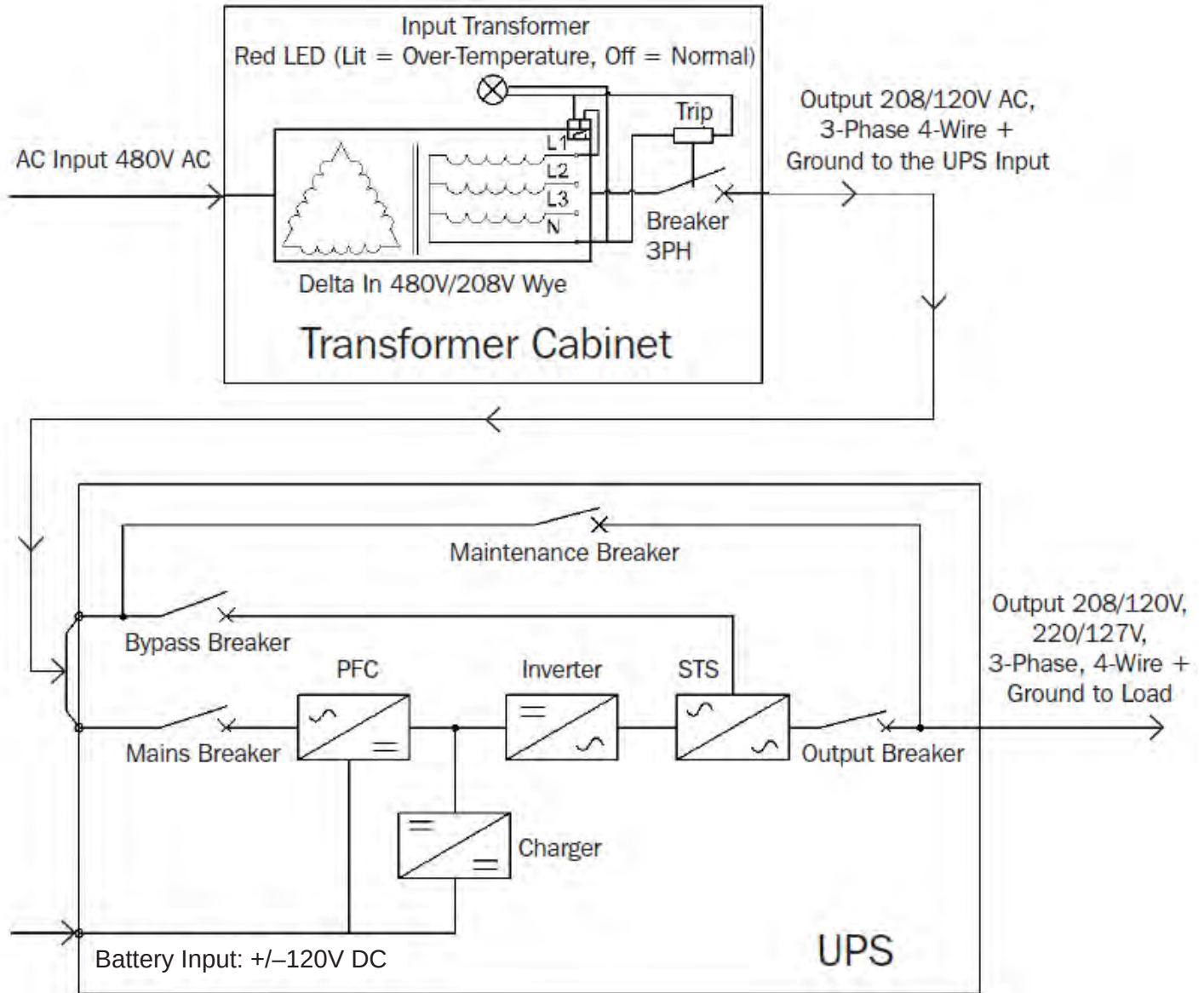
Transformer Models		Maximum Constant Load	Compatible with 208V 3Ph UPS	Kit Models: UPS + Transformer	
				Kit Models	Kit Models Includes
480V Input	S3MT-20K480V	20kW	S3M10-20K UPS	S3M20K-20K4T	S3M20K3B UPS + S3MT-20K480V
	S3MT-30K480V	30kW	S3M20-30K UPS	S3M25K-30K4T	S3M25K UPS + S3MT-30K480V
				S3M30K-30K4T	S3M30K UPS + S3MT-30K480V
	S3MT-60K480V	60kW	S3M50-60K UPS	S3M50K-60K4T	S3M50K UPS + S3MT-60K480V
				S3M60K-60K4T	S3M60K UPS + S3MT-60K480V
	S3MT-100K480V	100kW	S3M80-100K UPS	S3M80K-100K4T	S3M80K UPS + S3MT-100K480V
S3M100K-100K4T				S3M100K UPS + S3MT-100K480V	
600V Input	S3MT-60K600V	60kW	S3M50-60K UPS	S3M50K-60K6T	S3M50K UPS + S3MT-60K600V
				S3M60K-60K6T	S3M60K UPS + S3MT-60K600V
	S3MT-100K600V	100kW	S3M80-100K UPS	S3M80K-100K6T	S3M80K UPS + S3MT-100K600V
				S3M100K-100K6T	S3M100K UPS + S3MT-100K600V

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



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

Line Diagram - 480V/208V Input Isolation Transformers
S3MT-20K480V, S3MT-30K480V, S3MT-60K480V, S3MT-100K480V

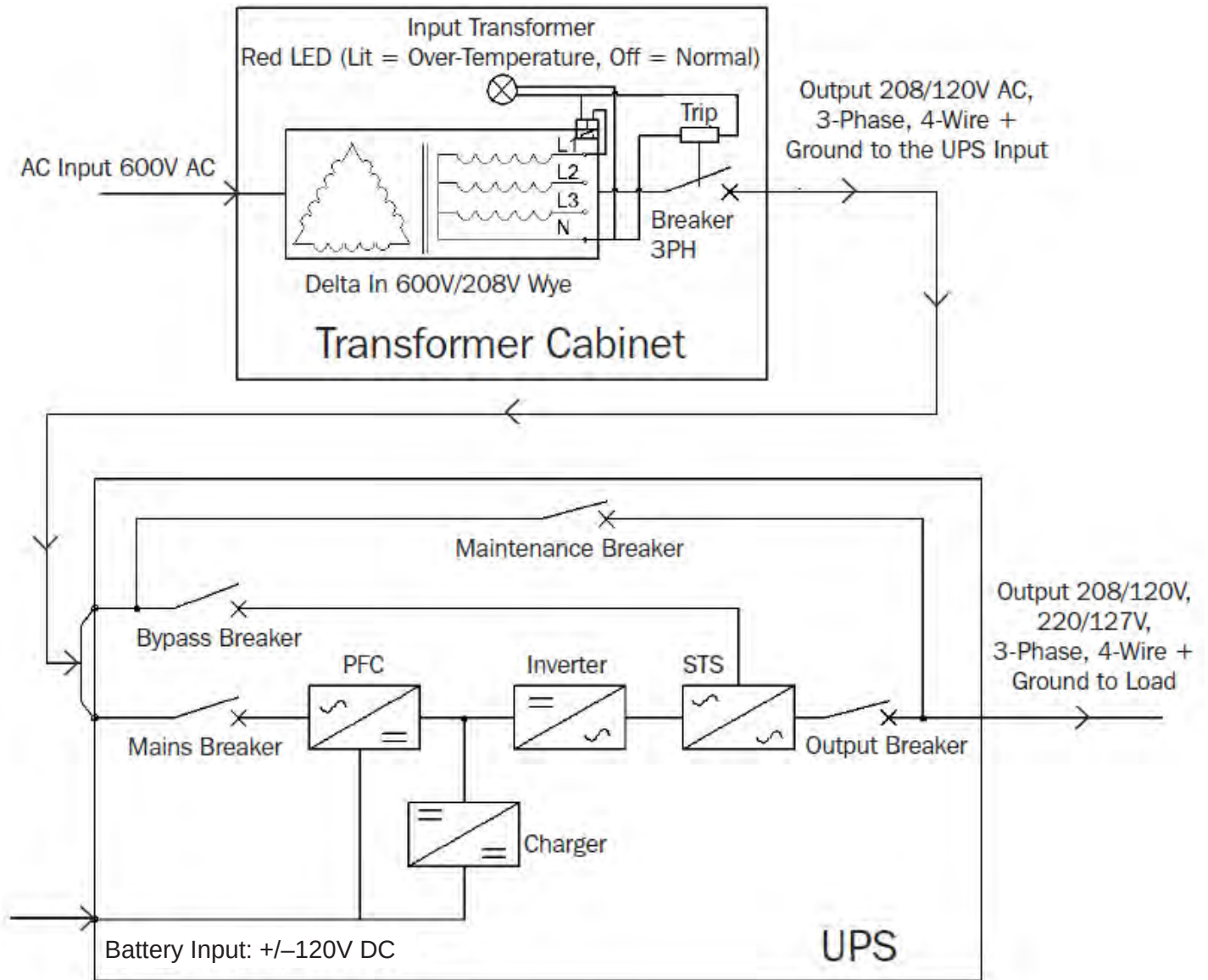


SmartOnline® S3MT-Series
 480V/208V and 600V/208V
 Input Isolation Transformers



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

Line Diagram - 600V/208V Input Isolation Transformers
S3MT-60K600V & S3MT-100K600V

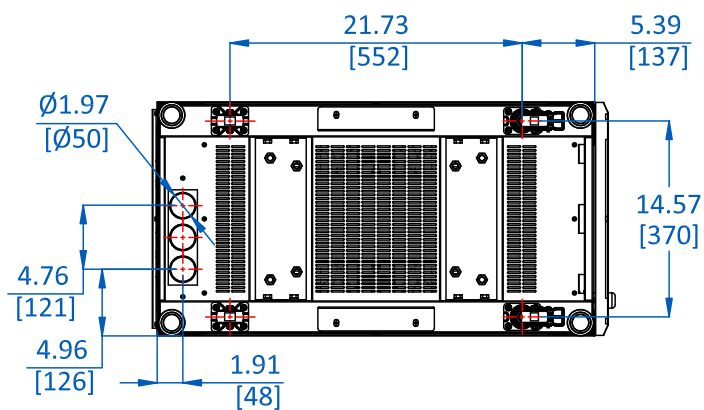


SmartOnline® S3MT-Series
 480V/208V and 600V/208V
 Input Isolation Transformers

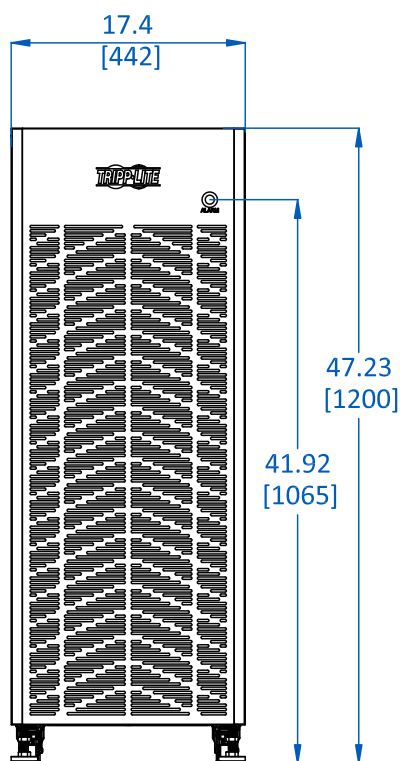


1111 W. 35th Street
 Chicago, IL 60609 USA
 773.869.1234
 tripplite.com

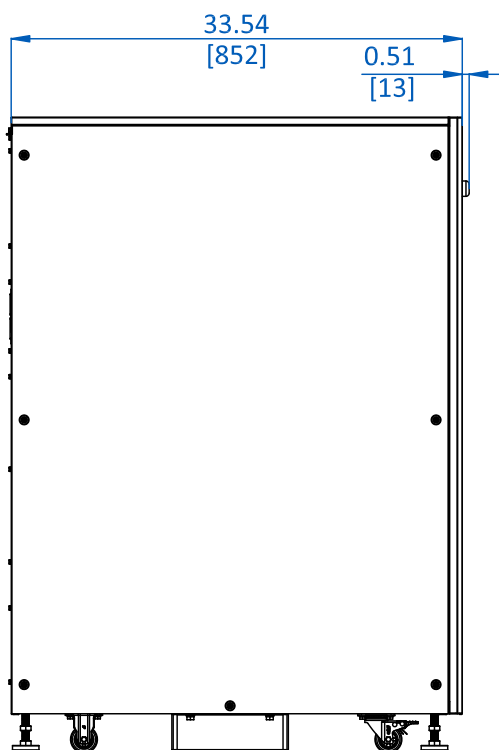
S3MT-20K480V



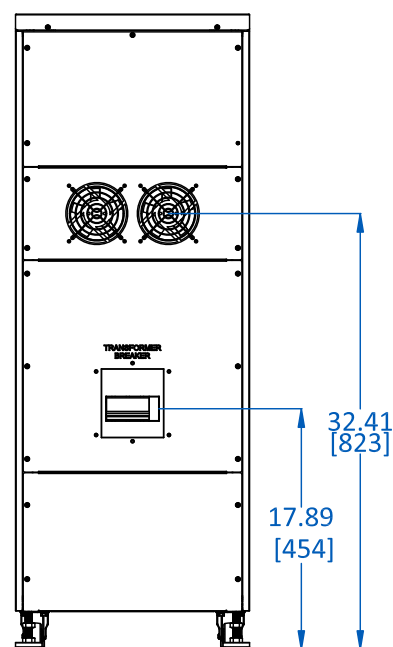
Bottom view



Front view



Side view



Rear view



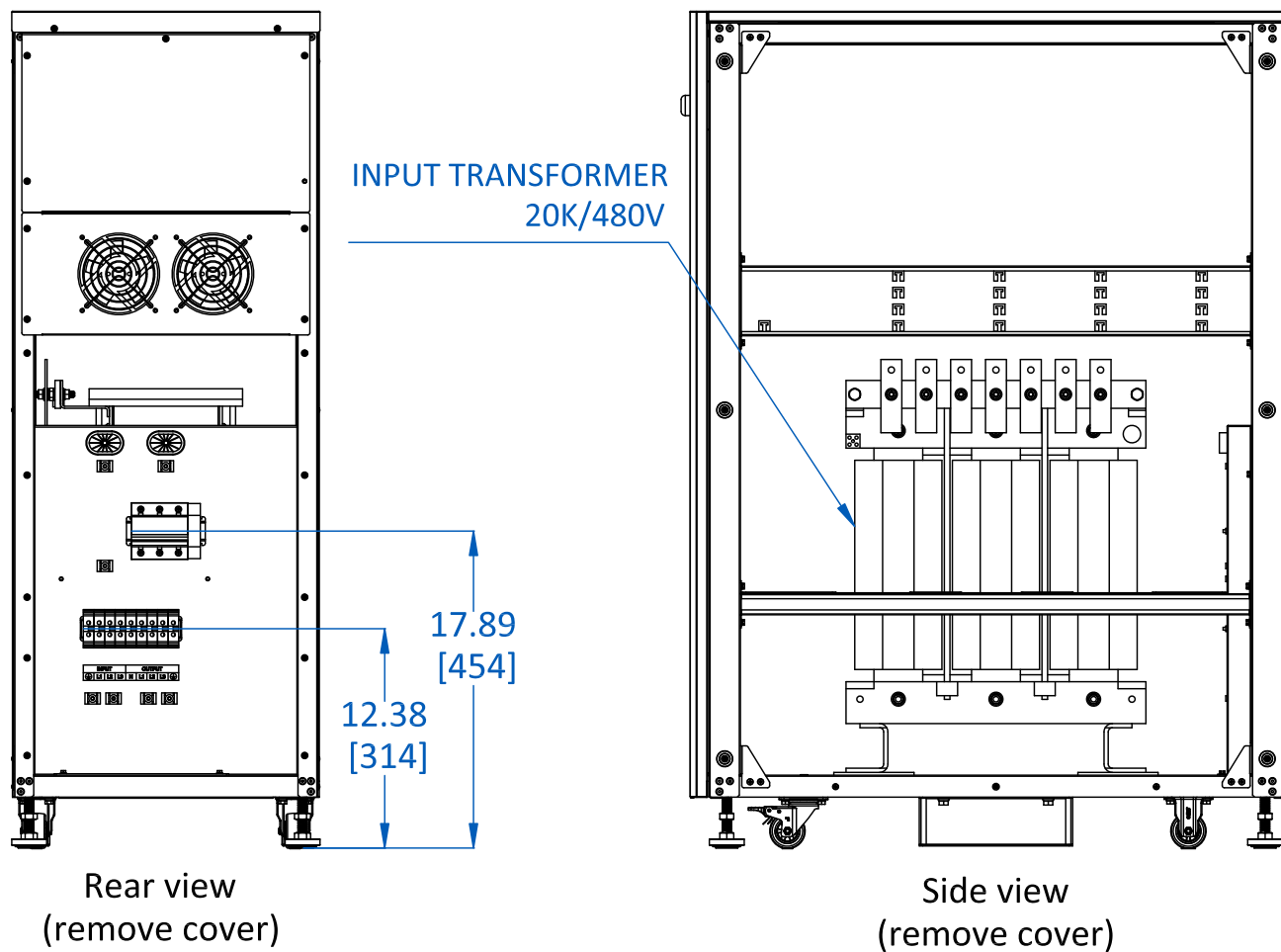
Top view

SmartOnline® S3MT-Series 480V/208V and 600V/208V Input Isolation Transformers



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

S3MT-20K480V

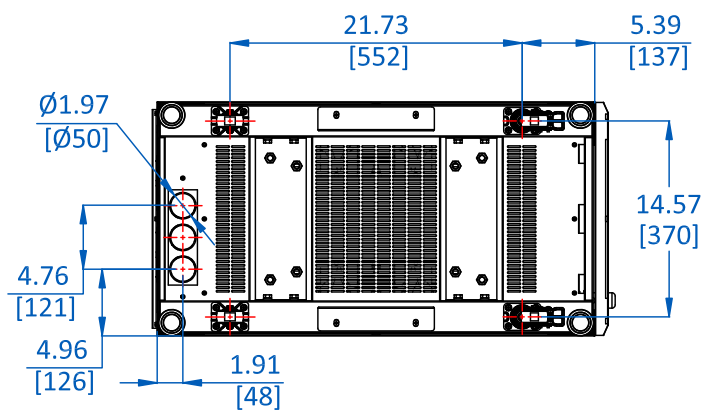


SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers

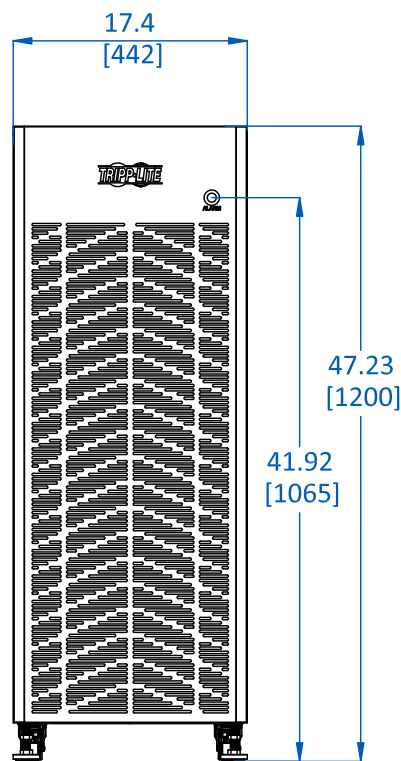
TRIPP-LITE

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

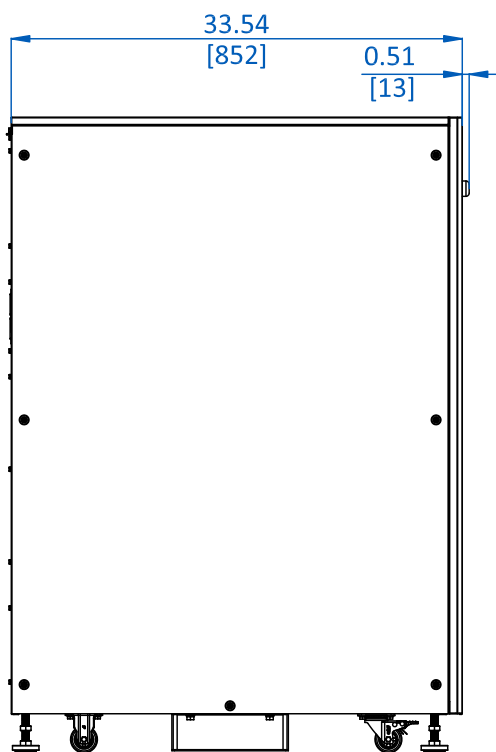
S3MT-30K480V



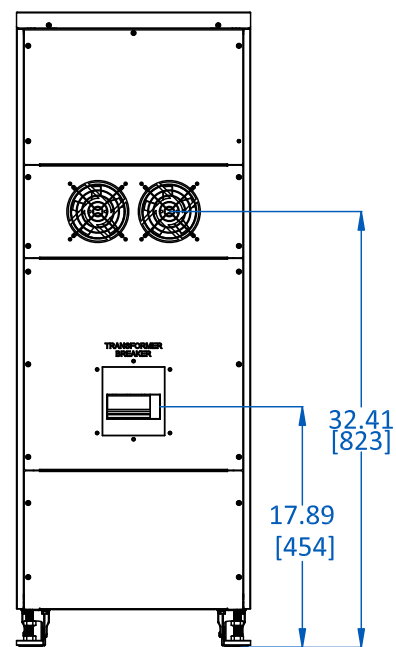
Bottom view



Front view



Side view



Rear view



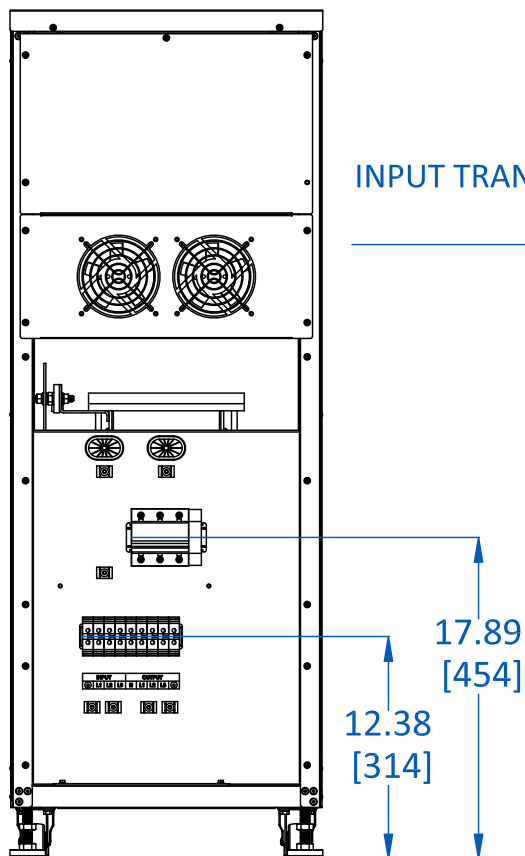
Top view

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



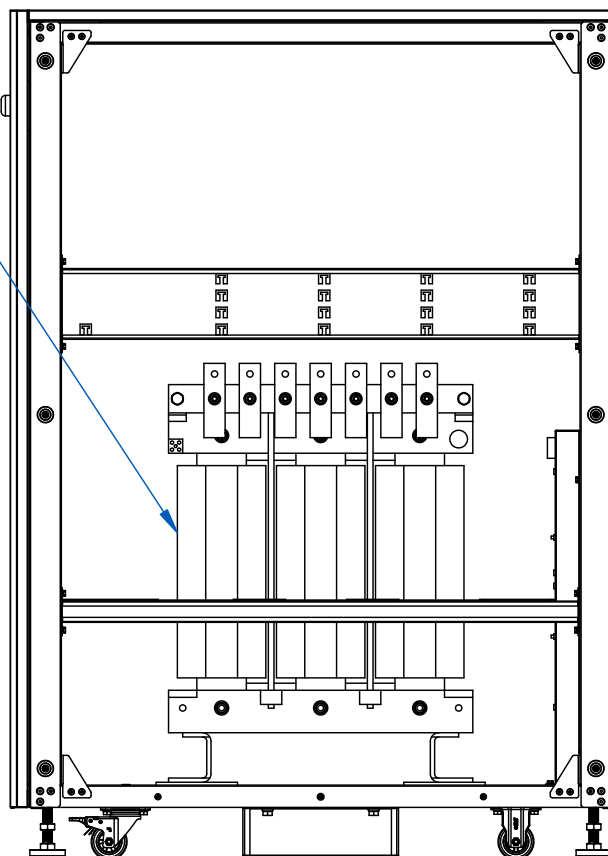
1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1234
tripplite.com

S3MT-30K480V



Rear view
(remove cover)

INPUT TRANSFORMER
30K/480V



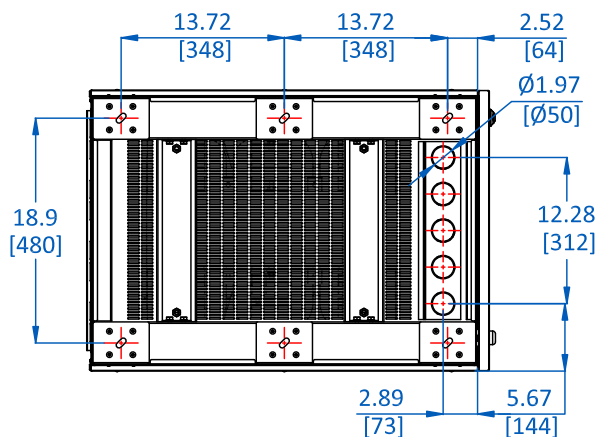
Side view
(remove cover)

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers

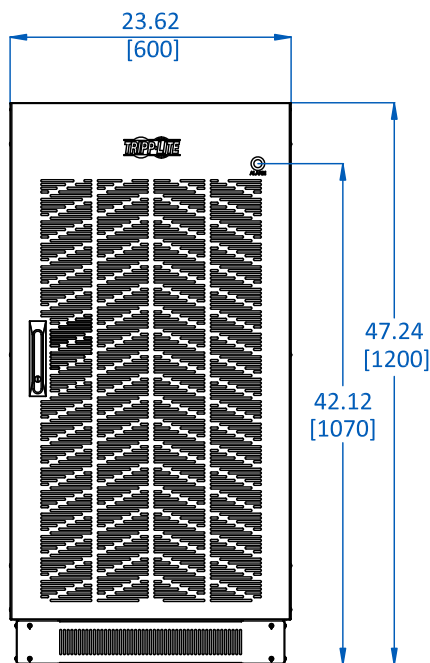


1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1234
tripplite.com

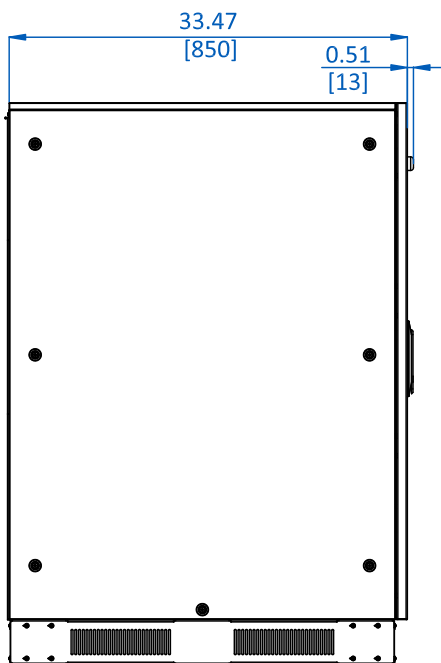
S3MT-60K480V



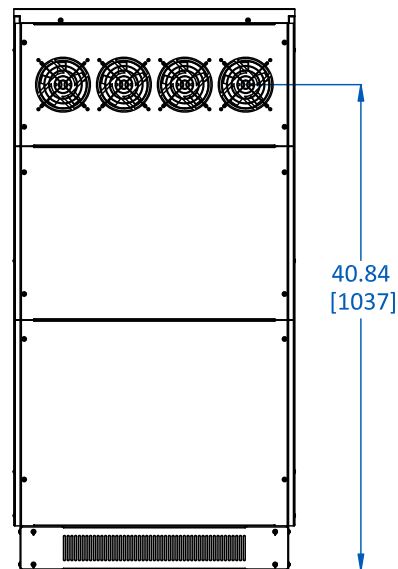
Bottom view



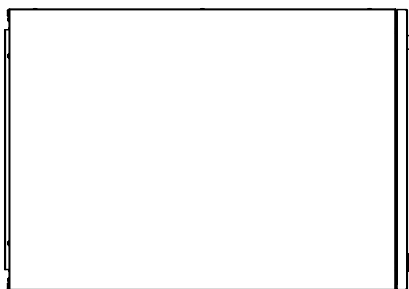
Front view



Side view



Rear view



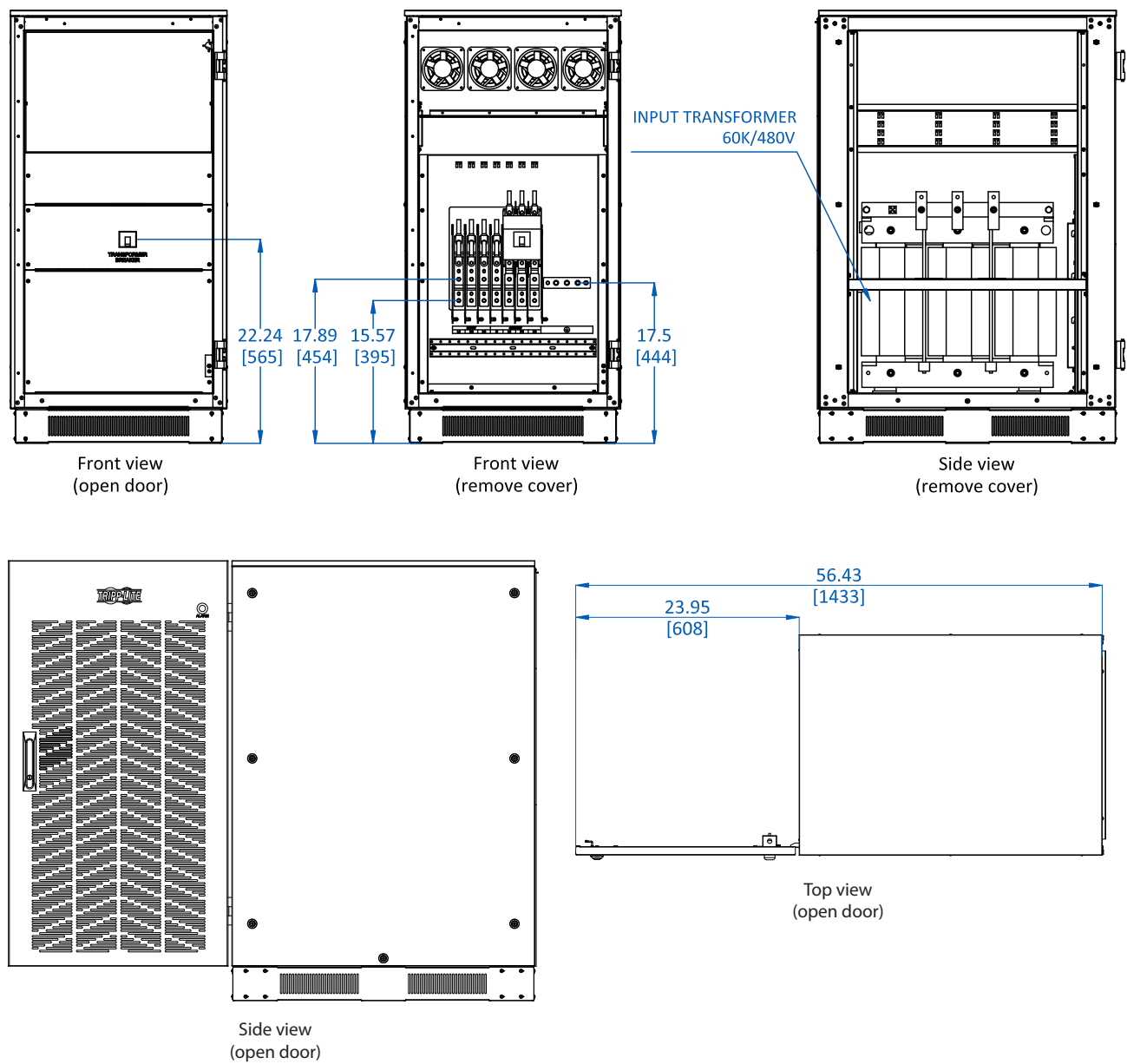
Top view

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



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

S3MT-60K480V

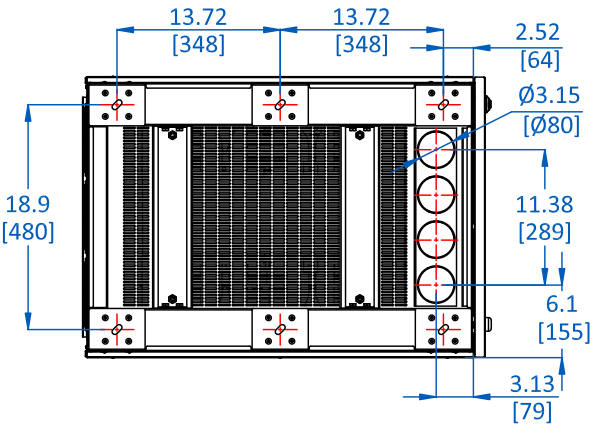


SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers

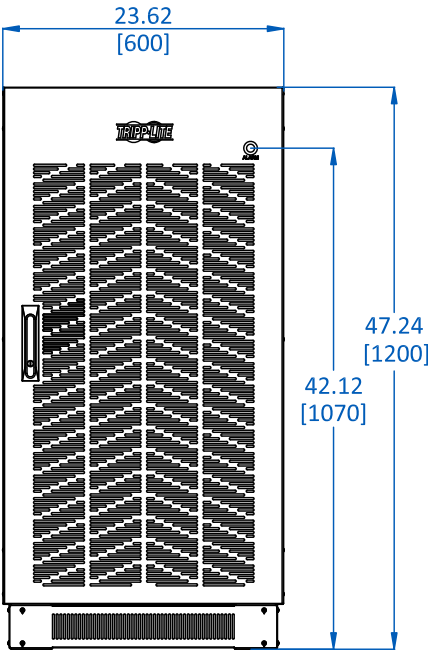


1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1234
tripplite.com

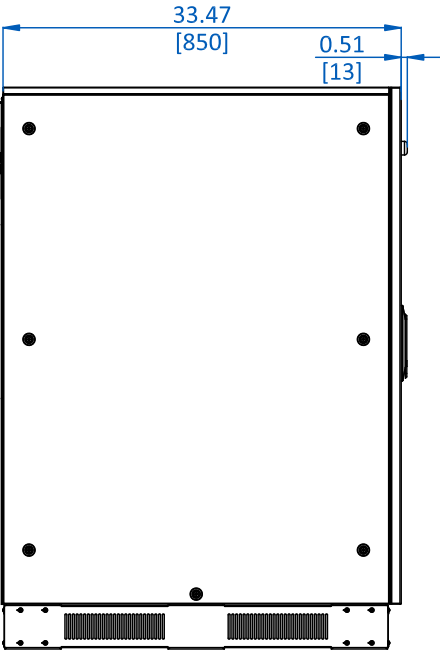
S3MT-100K480V



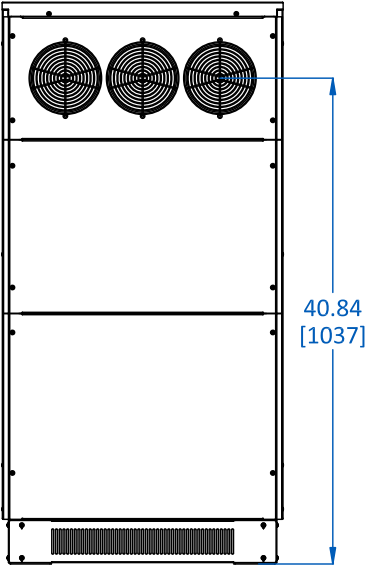
Bottom view



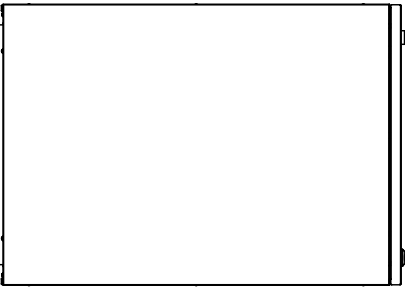
Front view



Side view



Rear view



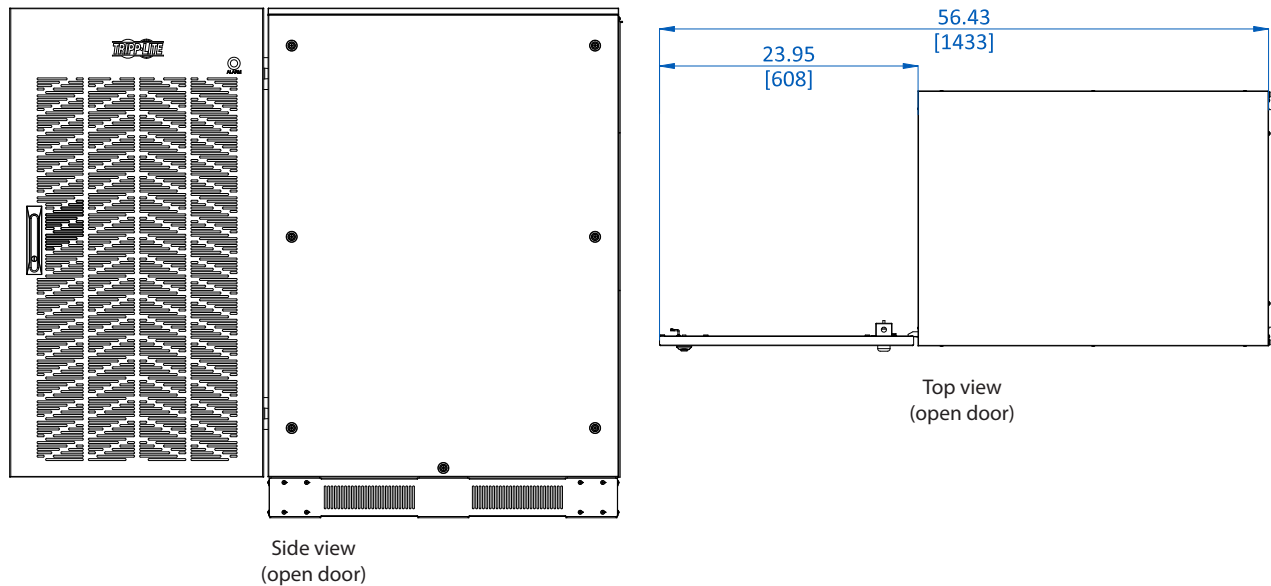
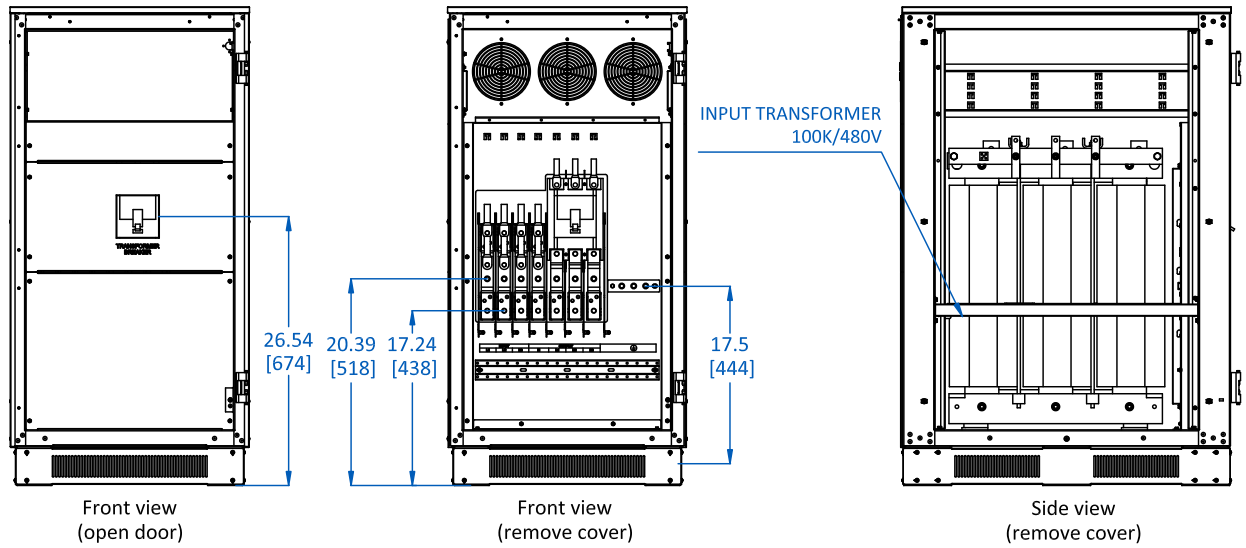
Top view

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



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

S3MT-100K480V

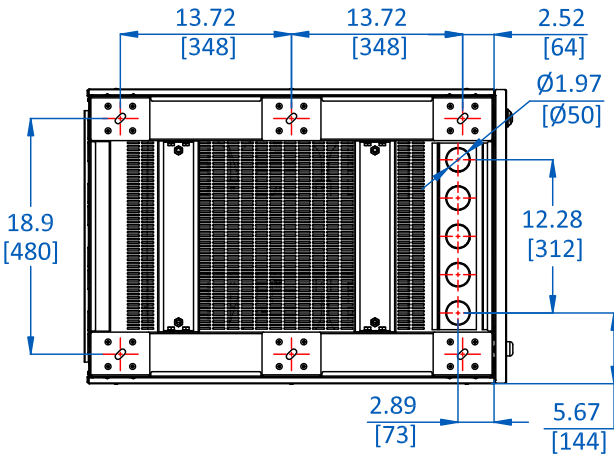


SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers

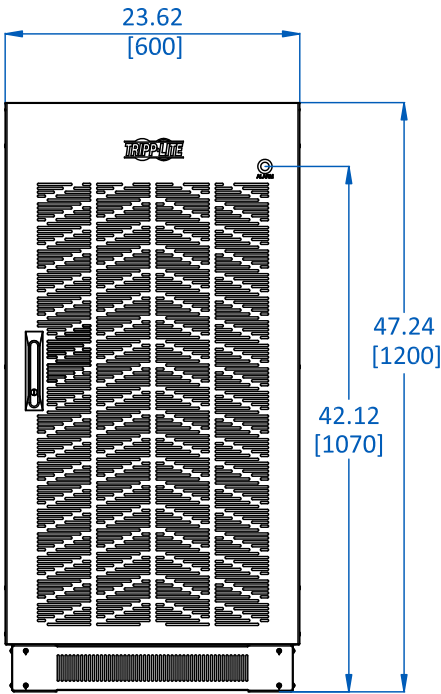
TRIPP-LITE

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

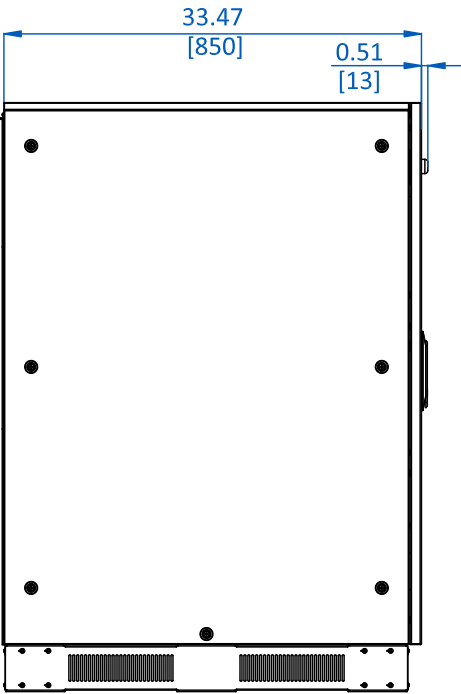
S3MT-60K600V



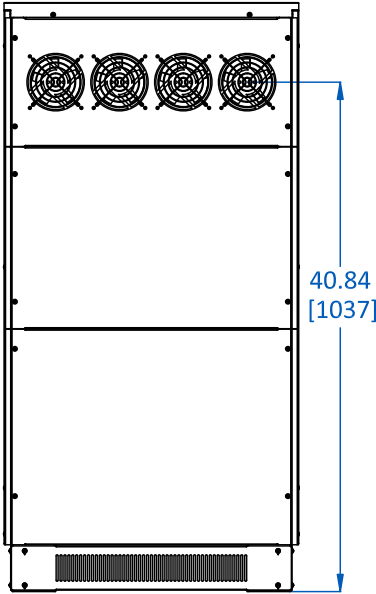
Bottom view



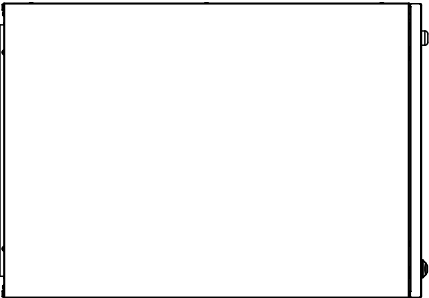
Front view



Side view



Rear view



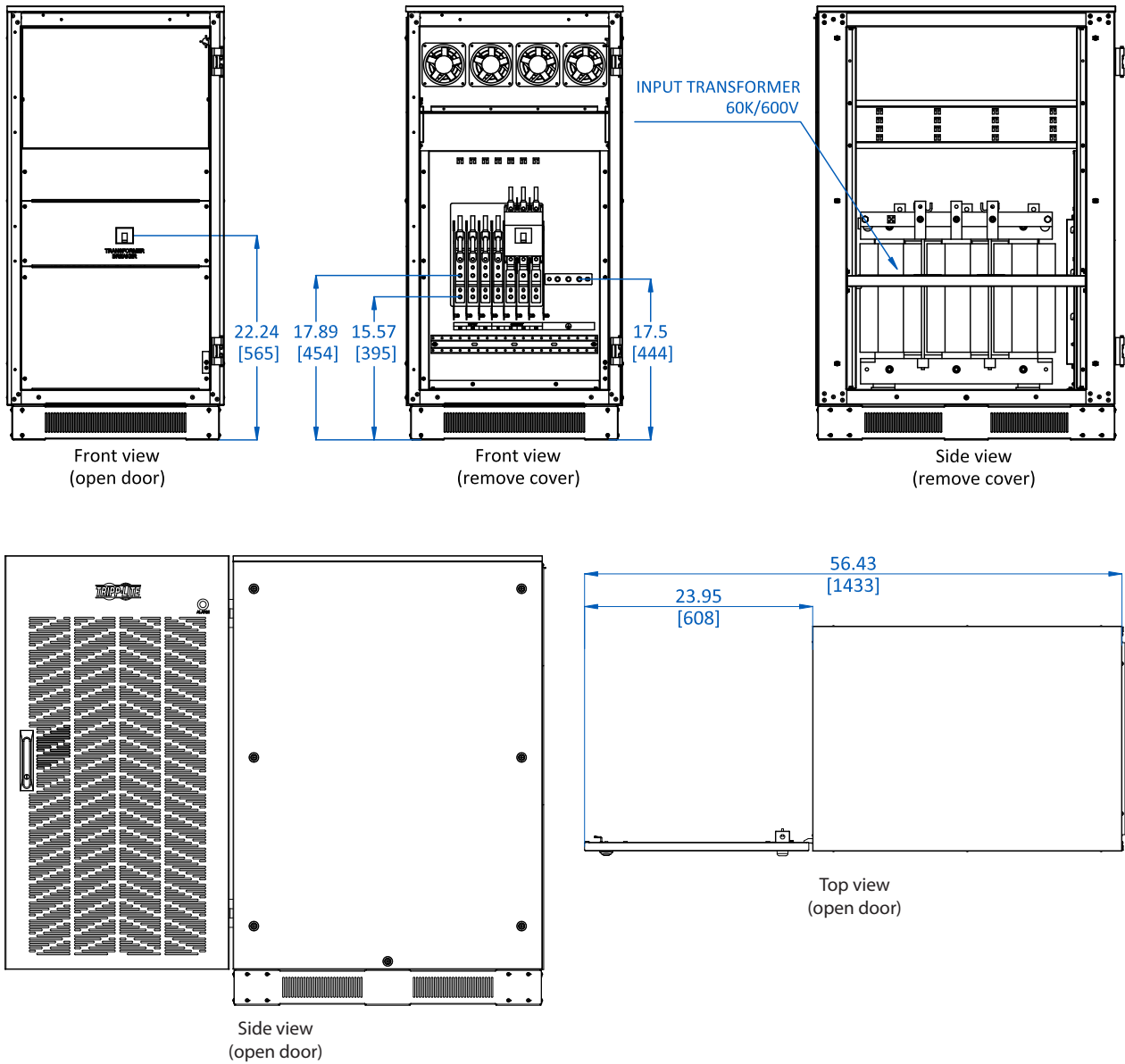
Top view

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



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

S3MT-60K600V

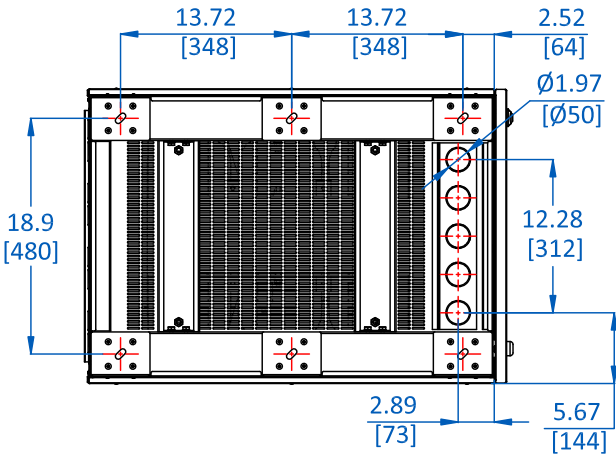


SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers

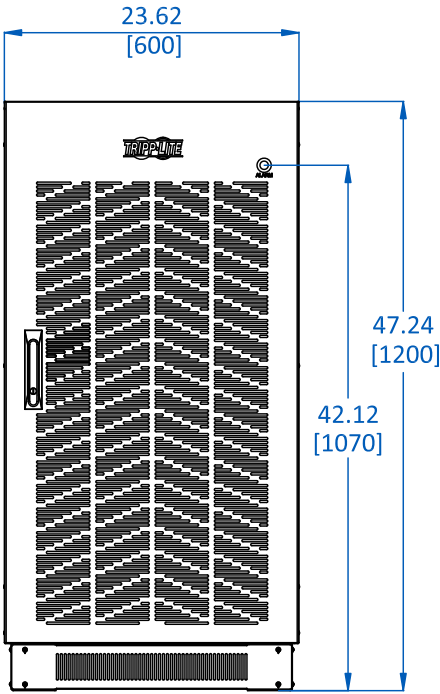


1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1234
tripplite.com

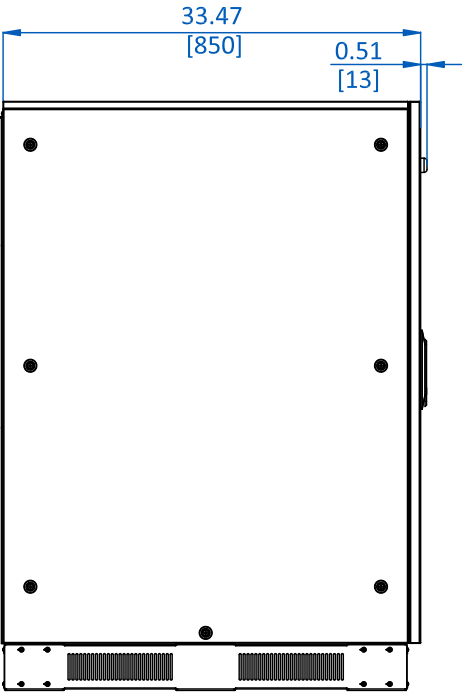
S3MT-100K600V



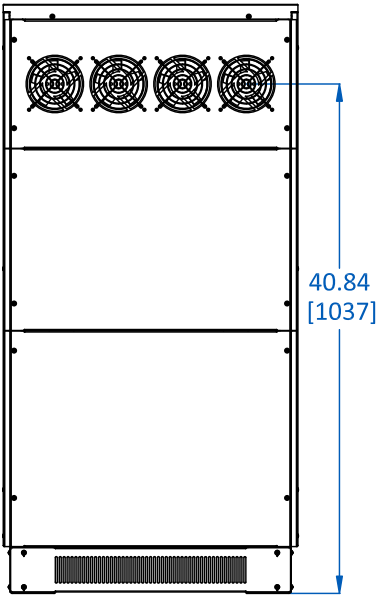
Bottom view



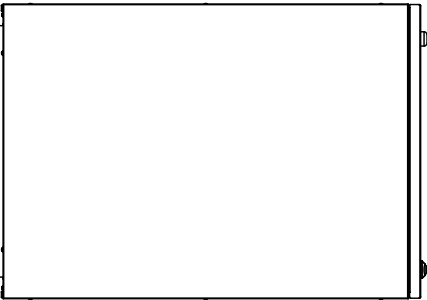
Front view



Side view



Rear view



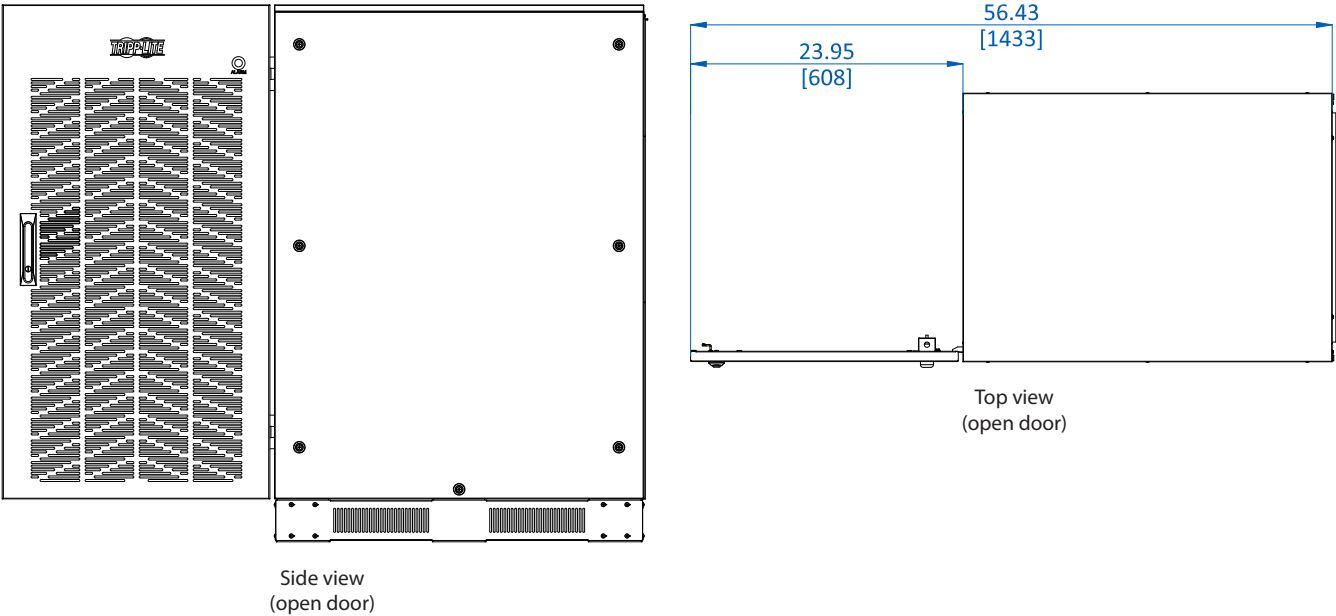
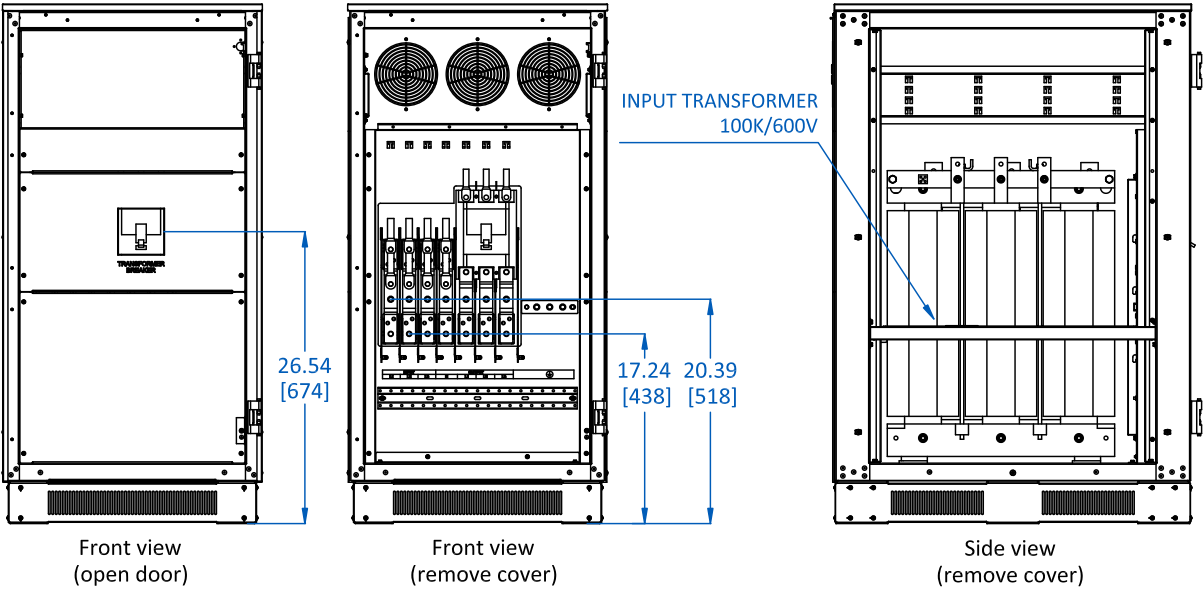
Top view

SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



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

S3MT-100K600V



SmartOnline® S3MT-Series
480V/208V and 600V/208V
Input Isolation Transformers



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

Dimensions: INCHES [mm]

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos and illustrations may differ slightly from actual products.