

SmartOnline® S3MT-Series Input and Output Transformers

The following transformer models include both the 480V/208V input isolation and 208V/480V output auto transformers in one enclosure.

480V Input and 480V Output Transformers		Input Current (A)	Output Current (A)	Heat Dissipation @ Half Load (BTU/hr)	Dimensions (HxWxD in./mm)	Weight (lb./kg)	Floor Loading (lb./ft. ²)/(kg/m ²)
S3MT-30KWR480V	Input transformer	51.0	113.0	4915	63.0 x 23.6 x 33.5/ 1600 x 600 x 850	961/436	175.0/854.9
	Output transformer	87.0	36.0	4915			
S3MT-60KWR480V	Input transformer	101.0	225.0	7167	63.0 x 23.6 x 33.5/ 1600 x 600 x 850	1398/634	254.6/1243.1
	Output transformer	173.0	72.0	7167			
S3MT-100KWR480V	Input transformer	168.0	374.0	11263	77.6 x 31.5 x 33.5/ 1970 x 800 x 850	1960/940	267.4/1382.4
	Output transformer	287.0	120.0	11263			

480V Input and 480V Output Transformers	Cable Sizes (THHW wiring at 75°C)								
	AC Input		AC Output		Neutral		Grounding		
	Gauge	Torque	Gauge	Torque	Gauge	Torque	Gauge	Torque	
S3MT-30KWR480V	Input transformer								
	6 AWG Max. 3 AWG	6.5N•m	3 AWG Max. 3 AWG	6.5N•m	3 AWG Max. 3 AWG	6.5N•m	3 AWG Max. 3 AWG	6.5N•m	NA
	Output transformer								
	6 AWG Max. 3 AWG	6.5N•m	3 AWG Max. 3 AWG	6.5N•m	3 AWG Max. 3 AWG	6.5N•m	3 AWG Max. 3 AWG	6.5N•m	NA
S3MT-60KWR480V	Input transformer								
	50mm ² Max. 50mm ² x2	25N•m	50mm ² x2 Max. 50mm ² x2	25N•m	70mm ² x2 Max. 70mm ² x2	25N•m	50mm ² Max. 50mm ² x2	25N•m	M8
	Output transformer								
	50mm ² Max. 50mm ² x2	25N•m	50mm ² x2 Max. 50mm ² x2	25N•m	70mm ² x2 Max. 70mm ² x2	25N•m	50mm ² Max. 50mm ² x2	25N•m	M8
S3MT-100KWR480V	Input transformer								
	70mm ² Max. 120mm ²	50N•m	70mm ² x2 Max. 120mm ² x2	50N•m	120mm ² x2 Max. 120mm ² x2	50N•m	95mm ² Max. 120mm ² x2	50N•m	M10
	Output transformer								
	70mm ² Max. 120mm ² x2	50N•m	70mm ² x2 Max. 120mm ² x2	50N•m	120mm ² x2 Max. 120mm ² x2	50N•m	95mm ² Max. 120mm ² x2	50N•m	M10



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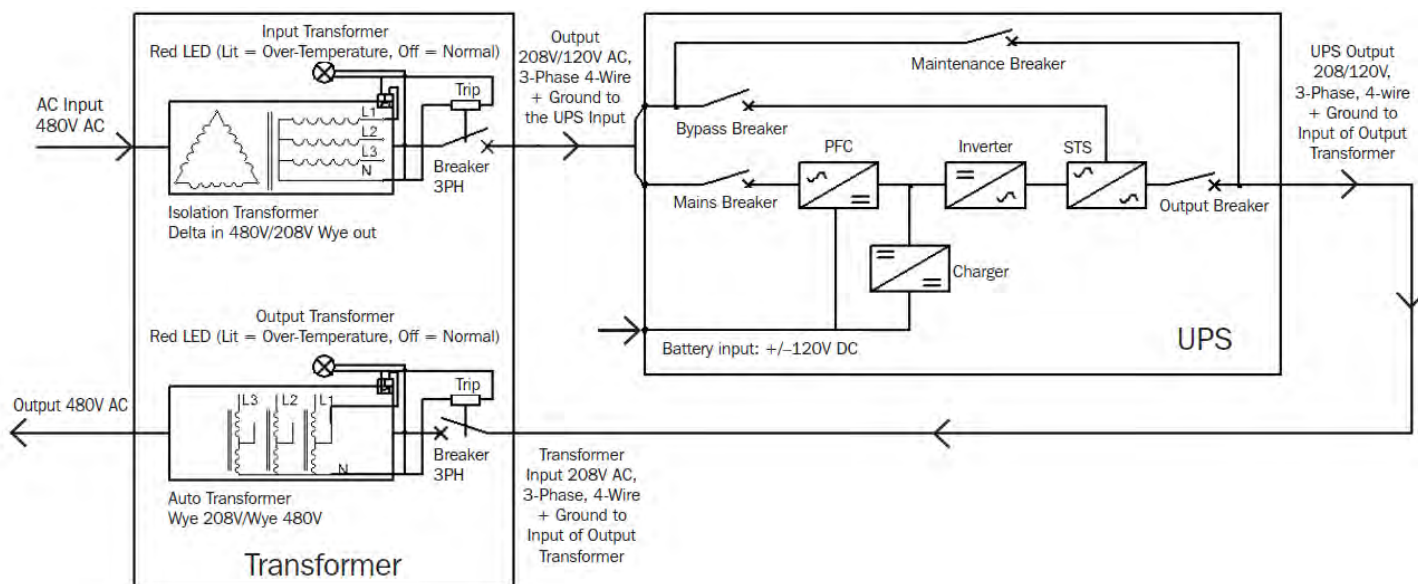
KIT MODELS: UPS + Transformer

Transformer Models		Maximum Constant Load	Compatible with 208V 3Ph UPS	Kit Models: UPS + Transformer	
				Kit Models	Kit Models Include
480V Input & 480V Output	S3MT-30KWR480V	30kW	S3M20-30K UPS (Not compatible with SUT20K or SUT30K UPS)	S3M30K-30KWR4T	S3M30K UPS + S3MT-30KWR480V
	S3MT-60KWR480V	60kW	S3M50-60K UPS (Not compatible with SUT40K or SUT60K UPS)	S3M50K-60KWR4T	S3M50K UPS + S3MT-60KWR480V
				S3M60K-60KWR4T	S3M60K UPS + S3MT-60KWR480V
	S3MT-100KWR480V	100kW	S3M80-100K UPS	S3M80K-100KWR4T	S3M80K UPS + S3MT-100KWR480V
				S3M100K-100KWR4T	S3M100K UPS + S3MT-100KWR480V

Line Diagram

480V/208V Input Isolation and 208V/480V Output Auto Transformers

S3MT-30KWR480V, S3MT-60KWR480V, S3MT-100KWR480V

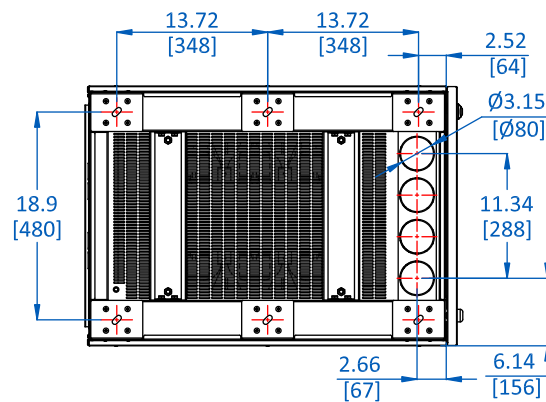


SmartOnline® S3MT-Series
Input and Output Transformer

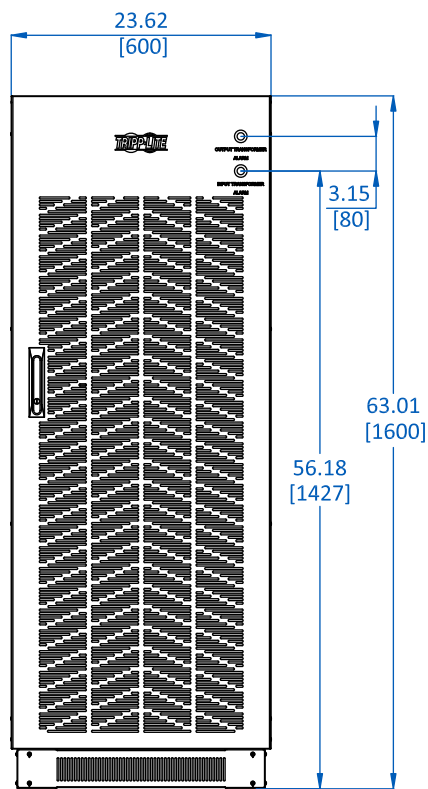
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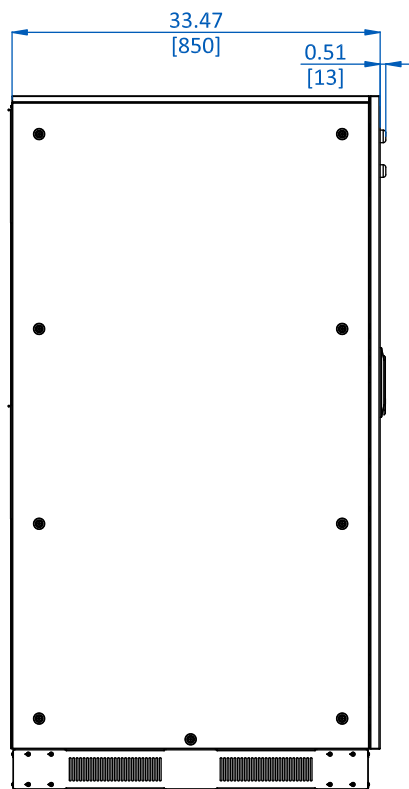
S3MT-30KWR480V



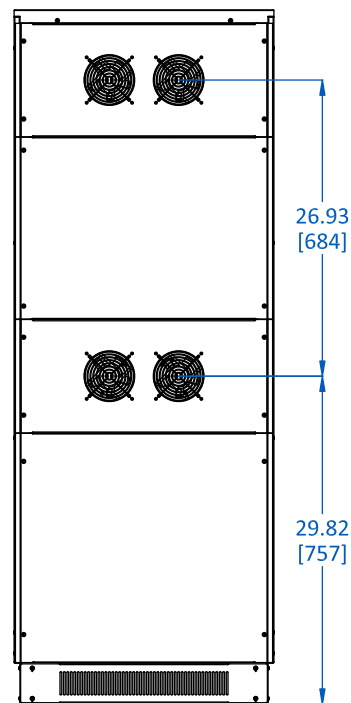
Bottom view



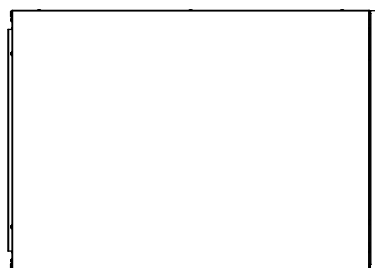
Front view



Side view



Rear view



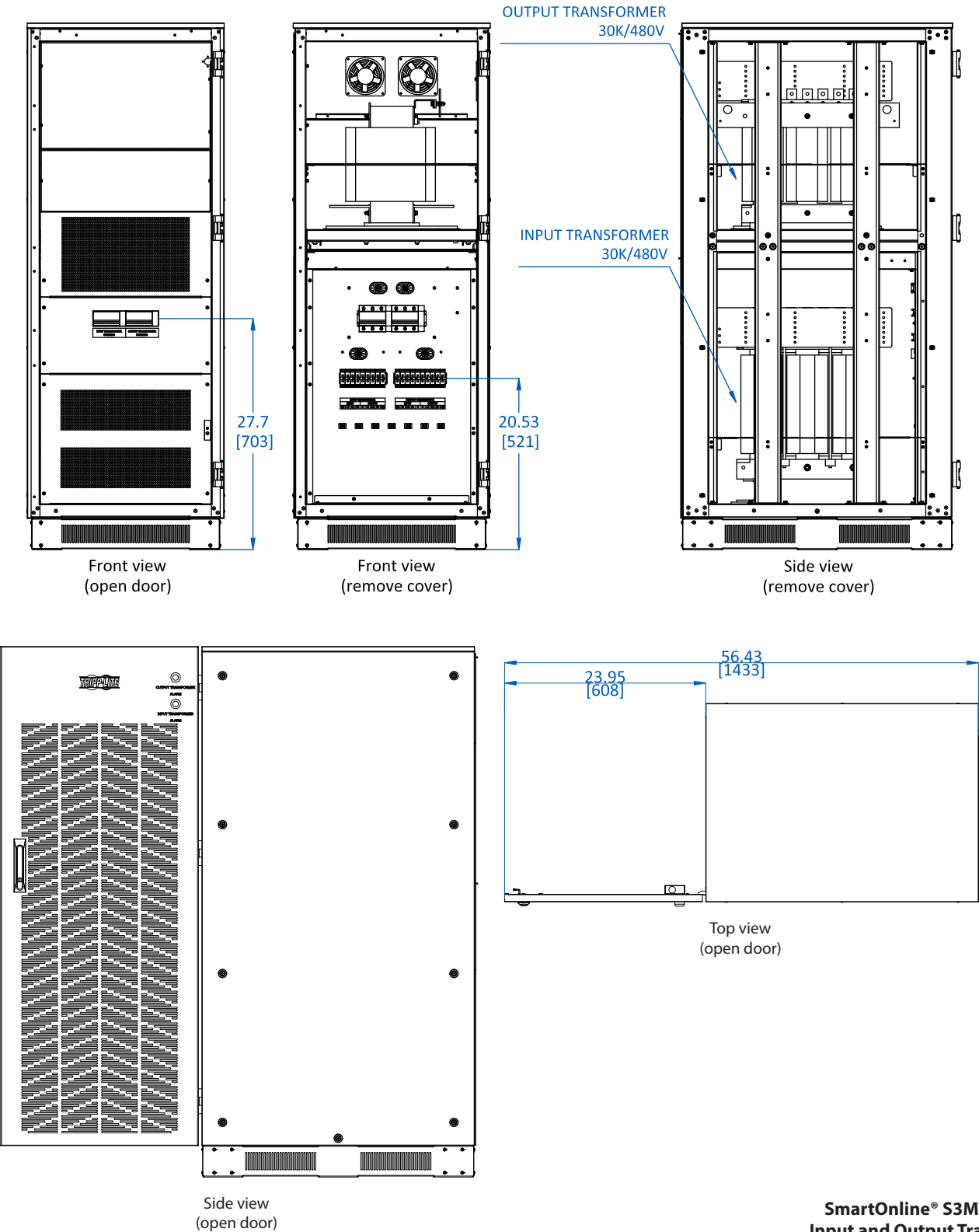
Top view

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S3MT-30KWR480V



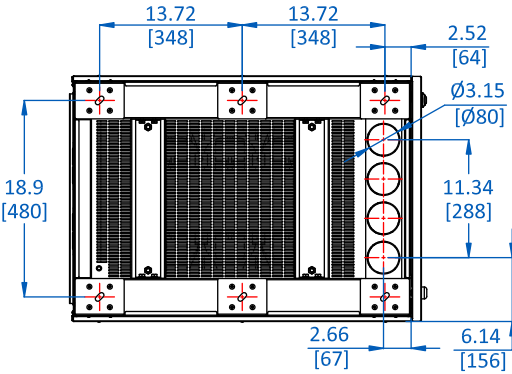
Dimensions: INCHES [mm]

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Input and Output Transformer

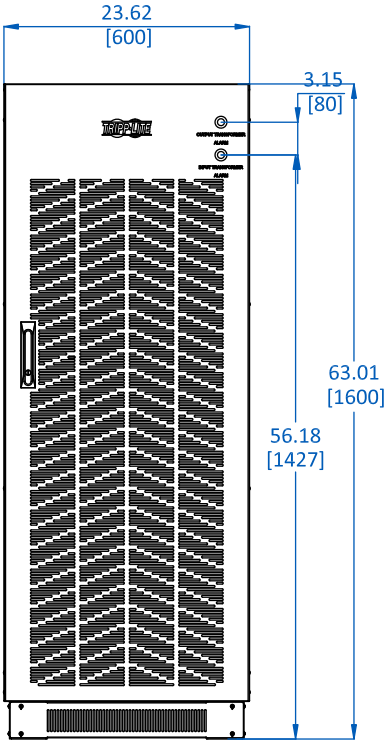


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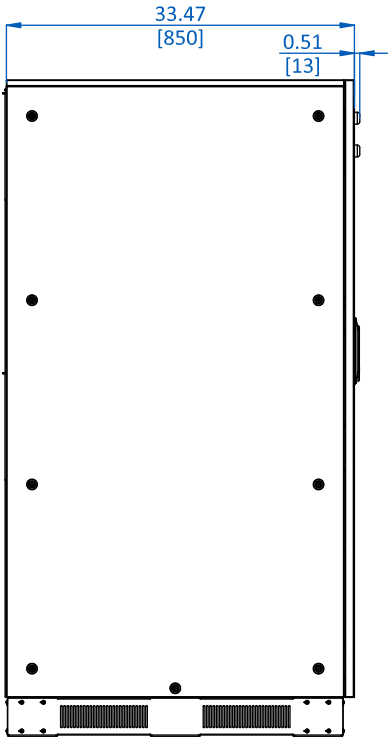
S3MT-60KWR480V



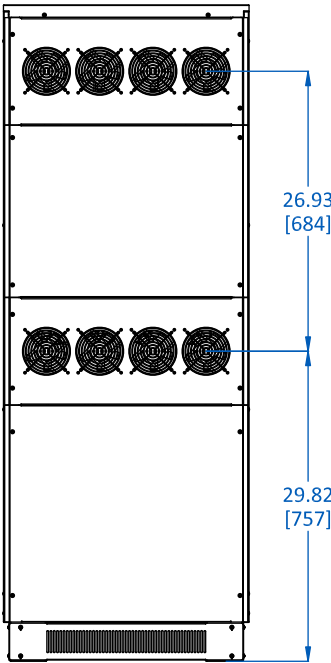
Bottom view



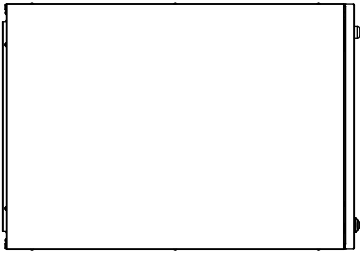
Front view



Side view



Rear view



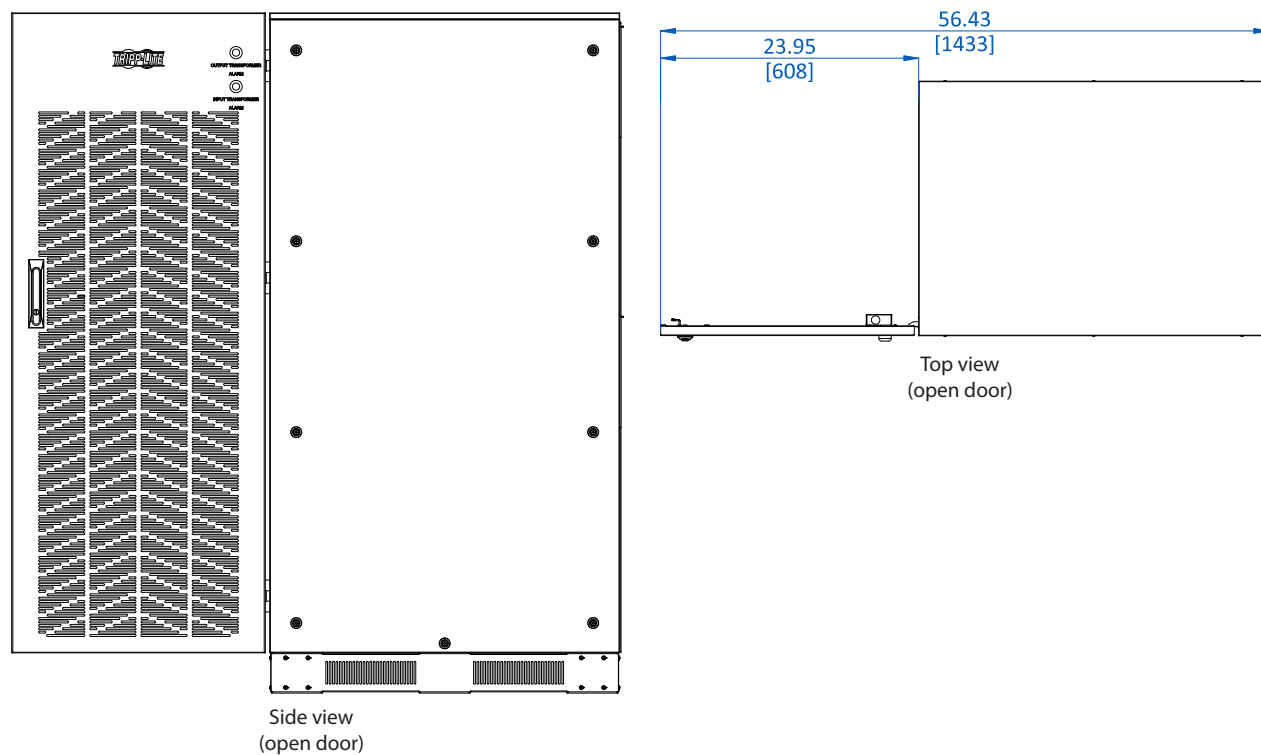
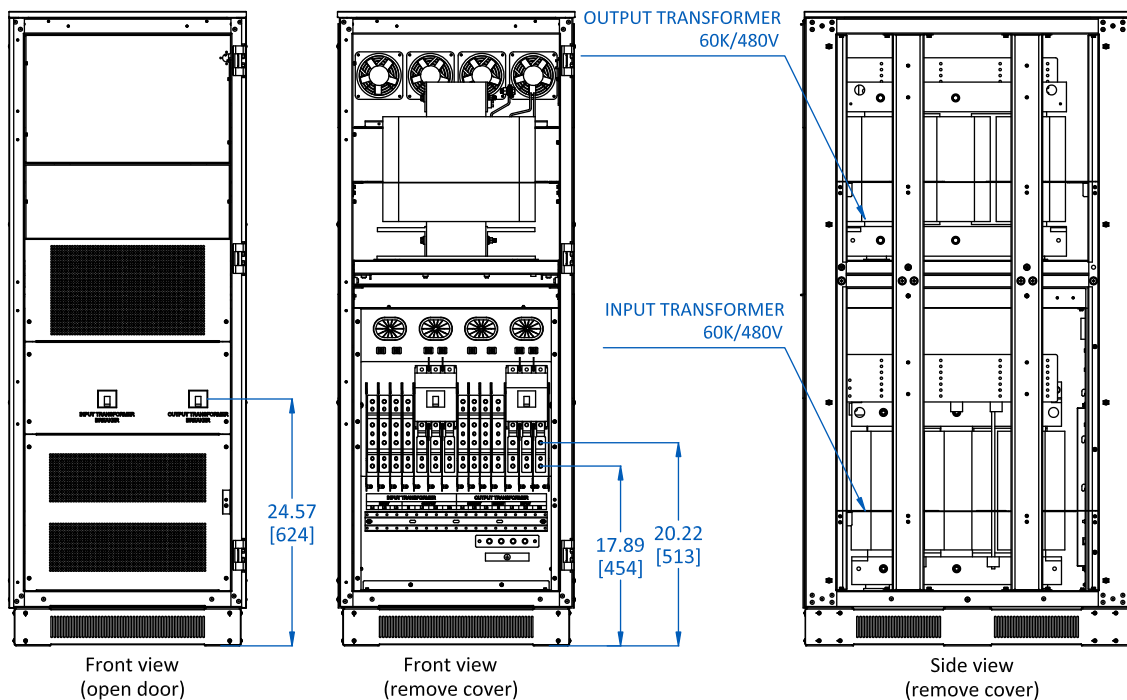
Top view

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S3MT-60KWR480V

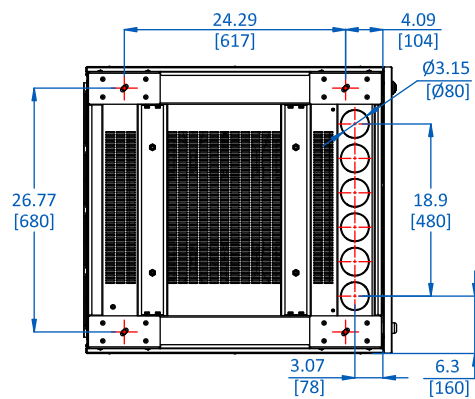


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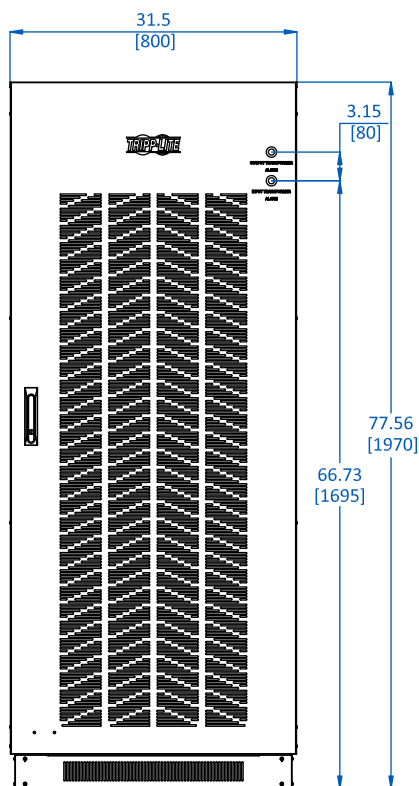
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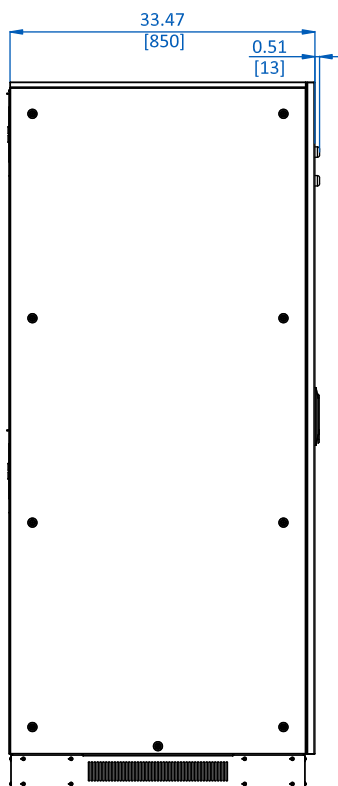
S3MT-100KWR480V



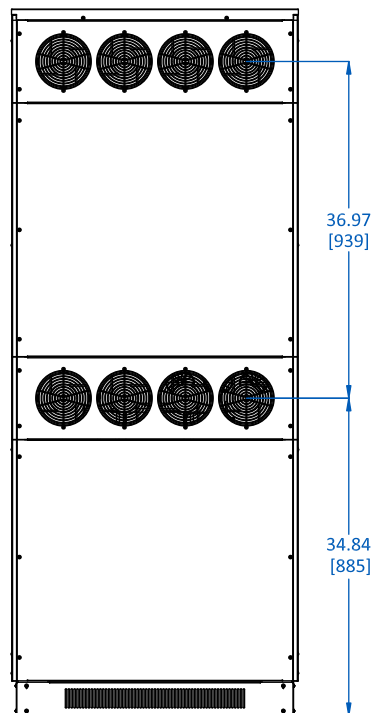
Bottom view



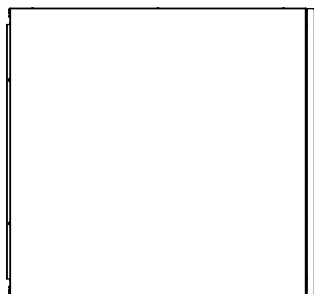
Front view



Side view



Rear view



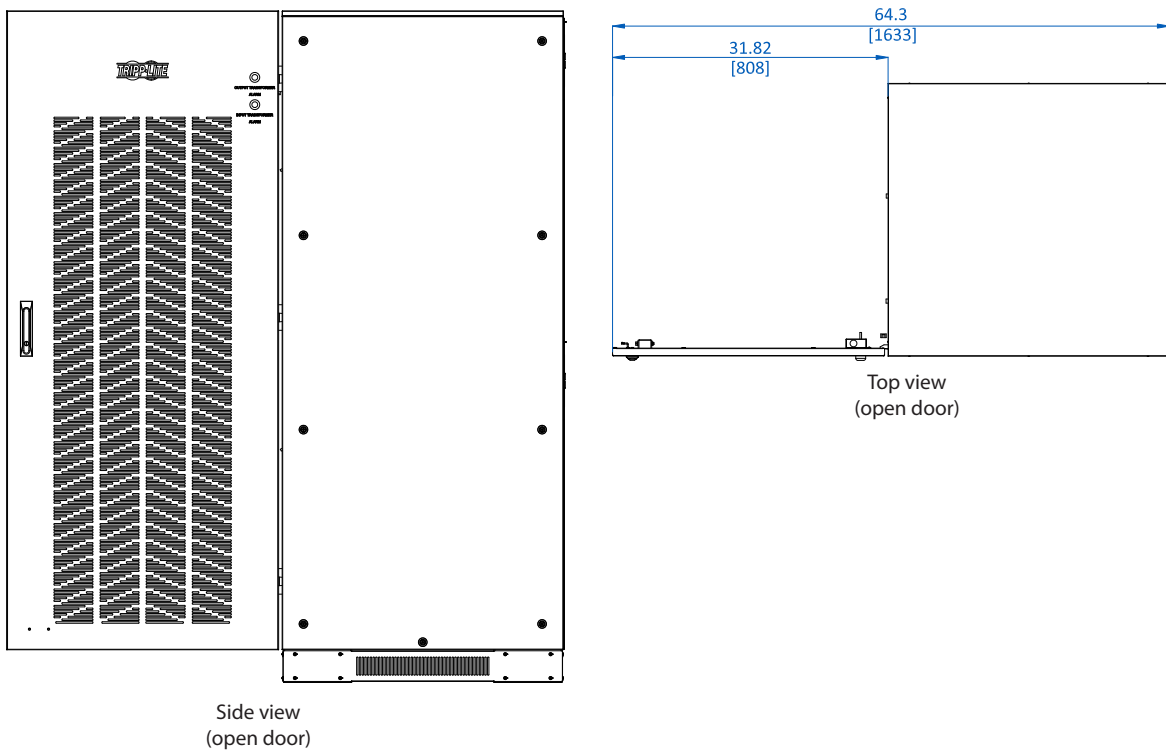
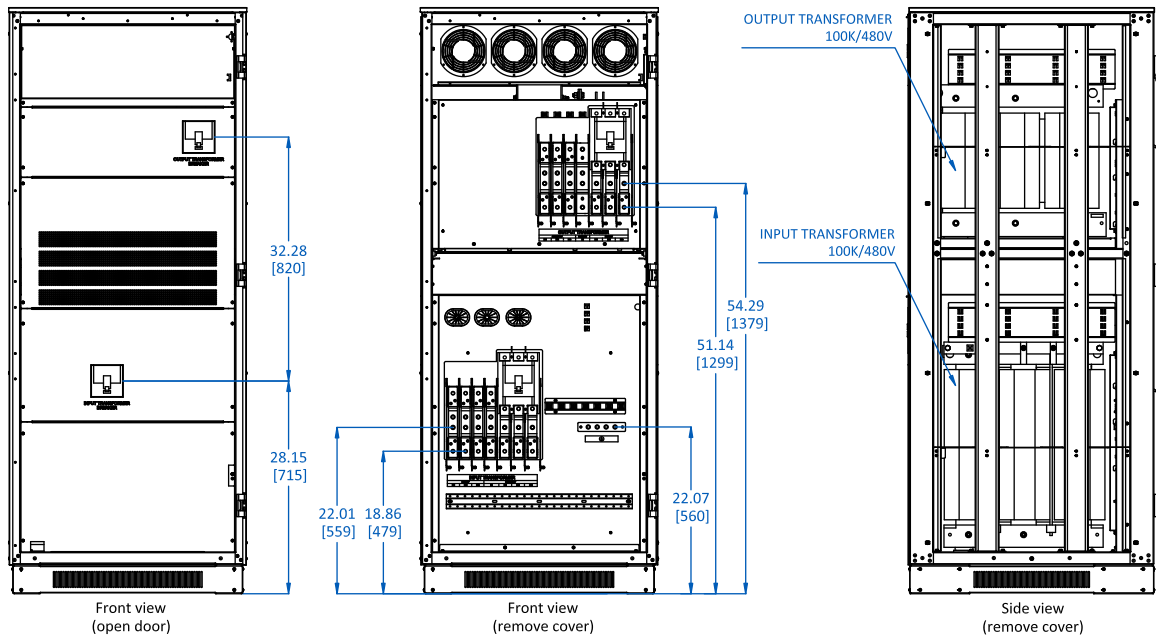
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Dimensions: INCHES [mm]

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