

3-PHASE UPS SYSTEMS

from Tripp Lite

Businesses of all sizes depend on efficient, reliable power that is available around the clock.

Tripp Lite's 3-phase UPS systems offer capacities ranging from 10 kVA to 210 kVA (400 kVA in parallel), with voltage- and frequency-independent (VFI) double-conversion operation to provide continuous power for critical loads. Review the series below and work with Tripp Lite's dedicated application engineers to find a cost-effective, scalable solution for every organisation.



SVTX SERIES 10 to 30 kVA

Cost-effective power protection for small applications requiring a small footprint.

- Best-in-class footprint
- VFI operation and IGBT inverter
- High output power factor (0.9)
- Optional network management card
- Built-in static and maintenance bypass
- Parallel capability up to 90 kVA
- ≤ 4 min. at full load with internal batteries
- ≤ 92 min. at full load with external batteries



SUTX SERIES 20 to 40 kVA

Advanced, high-efficiency protection for installations that may require N+N redundancy.

- VFI operation and IGBT with DSP control
- Up to 95% double-conversion efficiency
- Unity output power factor (1.0)
- Optional network management card
- Built-in static and maintenance bypass
- Parallel capability up to 160 kVA
- Dual redundant AC inputs
- ≤ 14 min. at full load with internal batteries
- Up to several hours of runtime at full load with external batteries



S3MX SERIES 30 to 200 kVA

Best-value, high-performance power protection with best-in-class footprint and unique battery-sharing capability.

- Best-in-class footprint and power density
- Unique battery-sharing capability
- Up to 94% double-conversion efficiency
- VFI operation and IGBT with DSP control
- Built-in static and maintenance bypass
- Extra-large colour touchscreen display
- Optional network management card
- Parallel capability up to 400 kVA
- ≤ 5.5 min. at full load with internal batteries
- ≤ 276 min. at full load with external batteries



SVX SERIES 30 to 210 kVA

Best value for growing businesses; scalable via 30 kVA modules with N+1; high efficiency; low mean time to repair (MMTR).

- Modular, scalable UPS platform
- Up to 95% double-conversion efficiency
- VFI operation and IGBT with DSP control
- Unity output power factor (1.0)
- Built-in network management card
- Built-in static and maintenance bypass
- N+1 redundancy and dual AC inputs
- Rack-based cabinet (30U or 42U)
- ≤ 17 min. at full load with internal batteries
- ≤ 223 min. at full load with external batteries



Powering and Connecting
Your World

3-Phase UPS System Quick Reference Guide

400V	SVTX Series	SUTX Series	S3MX Series	SVX Series
Capacity	10/20/30 kVA (Parallel to 90 kVA)	20/40 kVA (Parallel to 160 kVA)	30 – 200 kVA (Parallel to 400 kVA)	30 – 210 kVA (30 kVA modules)
Voltage	380/400/415V (Ph-Ph), 220/230/240V (Ph-N)			
Distinct Series Benefits	Cost-effective power protection for small applications that require a small footprint	Advanced, high-efficiency protection for installations that may require N+N redundancy	Best-value, high-performance power protection with best-in-class footprint and unique battery sharing capability	Best value for growing businesses; scalable via 30 kVA modules with N+1; high efficiency; low mean time to repair (MTTR)

APPLICATIONS AND INDUSTRIES

Typical Applications	Small business installations, server rooms and network closets	Small and medium installations, dedicated IT space and mixed-use buildings with IT load ≤ 80 kW	Small and medium data centres, light industrial settings and large corporate networks with IT load ≤ 400 kW or 50 server racks at 8 kW/rack	Small and medium data centres, light industrial settings and large corporate networks with IT load ≤ 210 kW or 26 server racks at 8 kW/rack
Industries	Data centres, edge computing, colocations, business, light manufacturing, finance, healthcare, education, government			

KEY FEATURES

Format	Small tower	Compact tower	Best-in-class footprint	Rack-based (30U or 42U)
UPS Footprint	10/20K: 0.20 m2 30K: 0.24 m2	20/40K: 0.41 m2	30/40K: 0.24 m2 60/80K: 0.28 m2 100/120K: 0.54 m2 160/200K: 0.56 m2	30 – 210K: 0.66 m2
UPS Height	10/20K: 0.86 m 30K: 1.04 m	20/40K: 1.40 m	30/40K: 1.00 m 60/80K: 1.01 m 100/120K: 1.02 m 160/200K: 1.45 m	30 – 90K: 1.48 m 30 – 210K: 2.01 m
Local/Remote Management	LCD + optional network card	LCD + optional network card	LCD or extra-large LCD + optional network card	Large LCD + included network card
Output Power Factor	0.9 power factor	Unity (1.0) power factor	0.9 power factor	Unity (1.0) power factor
Efficiency	≤ 92% (≤ 99% ECO)	≤ 95% (≤ 99% ECO)	≤ 94% (≤ 98% ECO)	≤ 95% (≤ 99% ECO)
Parallel Capability	3x capacity for 20/30K only	4x capacity or redundancy	2 – 3x capacity for 30 – 100K; 2x capacity or redundancy for 120 – 200K	Internal/modular N+1
Battery Options	Internal and/or external batteries	Internal and/or external batteries	Internal (30 – 40K) or external (30 – 200K) batteries; 2 units can share 1 battery cabinet	Internal or external batteries

To view the full offering and specifications, visit www.tripplite.com/pages/3-phase-ups-solutions

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