UniStar® C (Rack) and UniStar® III (Tower) Series

Online, Double-Conversion UPS

This online, double conversion UPS provides outstanding reliability and price, with a wide input voltage range to provide a constant, clean sine wave to connected equipment, even without going to battery! Its smart battery management system and hot-swappable batteries make battery maintenance proactive and easy.

The UniStar® C and UniStar® III are sophisticated and affordable UPS systems. Both offer online technology and a wide input voltage range to provide a constant clean, steady sine wave to protected equipment, even without going to battery mode. They can instantly switch to battery, and the battery management system and easy, swappable battery packs make maintenance trouble free.

Microprocessor Control
The UniStar® Series' advanced microprocessor control gives you greater reliability, functionality and smaller size than other designs. The systems feature high overload handling without transfer to the bypass. You are also protected in case of short circuit or over-temperature conditions.

Easy Plug and Play Design
The Unistar® Series are easy to install. Units up to 3 kVA come standard with input cables and IEC output cables, so all you have to do is plug the unit into your utility power and plug the equipment you want protected into the back of the unit. Turn it on and you are done. Every UniStar® Series unit automatically senses the operating frequency, and adjusts accordingly.

User Friendly Control Panel
The user friendly display clearly communicates the UPS status and makes diagnostics a trouble free task. The standard communications software allows for easy control and shut-down of your protected equipment during a blackout, and also lets you remotely perform diagnostics, communicate to the UPS via SNMP/web/network adapter, access UPS functions through the web, and receive alerts about specific events via SMS messages. The free software supports Novell Netware, Windows 95/98/2000/Me/XP/NT, Linux and Free BSD.

Communications
The UniStar® Series comes standard with shutdown software. The software gives you control of the UPS, and allows a graceful shutdown when the utility power fails.

A standard RS232 interface or optional USB interface allow you to communicate with the UPS through a network or computer. The standard software is compatible with Novell NetWare, Windows 95/98, Windows NT, Windows XP, or other Windows operations, Linux and Free BSD.

The UniStar® Series also has SNMP adaptability through an optional SNMP card. Optional AS/400 or True Relay Interface cards also give the ability to remotely monitor the UPS using a variety of computing platforms, and to:

▶ Remotely Test Major Operating Functions of the UPS
▶ Communicate Via SNMP/Web/ Network (with Adapter Cord)
▶ Access UPS Functions Via the Web
▶ Receive SMS Alerts When Specific Events Occur

Other Features
▶ Tight Voltage Regulation
▶ Frequency Isolation
▶ Good Harmonic Reduction
▶ Short Circuit Protection
▶ Transient Surge Protection
▶ Unity Power Factor Input, with 0.5 Lagging to Unity
▶ Tower or Rack Mount for Versatile Installation
▶ Matching Battery Cabinets
▶ Easy Plug and Play Design
▶ Complete Circuitry Protection
▶ Microprocessor Control
▶ User Friendly Control Panel
▶ Remote Monitoring and Communications Options
▶ Optional Automatic and Manual

UniStar® C
1, 2 & 3 kVA
rack/tower universal design

UniStar® III
1, 2 & 3 kVA
tower model

Communications Options
■ **True Relay Card has P/N SC-Relay** for both UniStar® C and III units
A 10-pin terminal is supported to offer the signals of bypass, utility normal/failure, inverter-on, battery low, battery bad, UPS alarm, and UPS shutdown.

■ **AS/400 Card has P/N SC-OPTO** for UniStar® III units only
A DB9 port is supported to offer the signals of bypass, utility normal/failure, inverter-on, battery low, and UPS shutdown.

■ **WEB/SNMP Card has P/N SNMP-1** for both UniStar® C and III units
Integrates multi-network communication protocols to enable comprehensive, easy-to-understand and secure remote monitoring and management of the UPS via the Internet.

■ **USB Card has P/N SC-USB** for UniStar® III units only
To provide an alternative USB communication port.

All rack mount units include stands for tower mount and handles for rack mount. Slide rails must be purchased separately. **P/N SC-Rail**

Dimensions: H × W × D (inches):

SC10001T:	9.2 × 5.8 × 15.8	**USC-10001:**	3.5 × 17.4 × 16 (2U)
SC20001T:	14.4 × 5.2 × 18.9	**USC-20001:**	3.5 × 17.4 × 25.6 (2U)
SC30001T:	14.4 × 7.5 × 17.8	**USC-30001:**	3.5 × 17.4 × 25.6 (2U)

Batteries
Batteries are the most expensive component of a UPS system. Protect them and extend their life with the Smart Battery Management System (SBMS). SBMS continuously monitors battery status and recharges whenever necessary, so you have worry-free battery power.

Hot swappable batteries allow you to easily change batteries without shutting the UPS down. Matching battery cabinets make your UniStar® Series look great and allow you easy battery access.

UniStar® III Tower Systems Full load run time is 7 minutes

Stock No.	Mfr.'sType	Output		Input Volts	Output Volts	Shipping Weight (Lbs.)	EACH
		kVA	kW				
927-0002	SC10001T	1	0.7	120	120	35	
927-0009	SC20001T	2	1.4	120	120	64	
927-0010	SC30001T	3	2.1	120	120	65	

UniStar® C Rack Systems Full load run time is 7 minutes

	USC-10001	1	0.7	120	120	35	
	USC-20001	2	1.4	120	120	64	
	USC-30001	3	2.1	120	120	86	

Optional Battery Pack UniStar III (Tower)

Stock No.	Mfr's. Type	Capacity kVA	Run Time (Minutes)				Shipping Weight (Lbs.)	EACH
			1/4 Load	1/2 Load	3/4 Load	Full Load		
	SC-BP1000-00903NT	1	280	120	70	49	73	
	SC-BP2000-01803NT	2	280	120	70	49	127	
	SC-BP3000-01602NT	3	170	70	40	25	119	

Optional Battery Pack UniStar III (Rack)

	USC-BP1K	1	380	160	95	66	83	
	USC-BP3K	2	195	80	45	33	87	
		3	163	65	40	25	87	

For larger applications
The UniStar® P Series on-line double conversion UPS systems were designed for years of trouble free operation, and we back it up with a two year warranty. Features intuitive control panel, real-time digital signal processor and paralleling ability. Available 6 kVA rack; 6, 8, 10 kVA tower.

UniStar® P
6 kVA rack

UniStar® P
6 kVA tower

1.800.433.5700 🅰 alliedelec.com