

3C SERİSİ

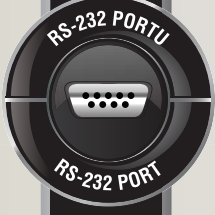
10-15-20 KVA



ON-LINE UPS



3C SERIES



Maximum performance with a compact design.

The high technology, used in 3-phases products allowed for an incredible reduction in the size of these products and anomalously the rude construction of an uninterruptible power supply in such an affectivity has been outdated. This extraordinary improvement in electricity technology allows in all devices an ever reduction in sizes and increase in functions. These 3-phases models of C-series are the footprints of this improvement in UPS segment.

Kompakt tasarım ile maksimum performans.

3 faz girişli bu ürünlerde kullanılan yüksek teknoloji, ürünlerin boyutlarının inanılmaz derecede küçülmesine sebep olmuş ve alışılan aksine bu güçteki bir kesintisiz güç kaynağının hantal yapısı artık tarihe karışmıştır. Elektronikteki inanılmaz teknoloji değişimi her cihazın boyutlarının giderek küçülmesine ve fonksiyonlarının artmasına olanak sağlar. İşte C serisinin 3 faz girişli bu modelleri bu değişimin UPS sektöründeki izdüşümüdür.



YÜKSEK VERİM



TEMİZ ENERJİ



DOĞA DOSTU
TEKNOLOJİ



TÜM CİHAZLARA
UYUMLU



Teknik Bilgiler *Technical Specifications*

MODEL	3C SERIES	3C10KS	3C15KS	3C20KS
Input rectifier	Power (VA/Watt)	10000 VA/7000W	15000 VA/10500W	20000 VA/14000W
	3 units working in parallel	30000 VA/21000W	45000 VA/31500W	60000 VA/42000W
	Number of phase and voltage	380 VAC, 3 phase + neutral		
	Voltage tolerance	304 ~ 478 VAC \pm 3 phase		
	Power factor	>0.98		
	Current (maximum)	13 A / faz-39A	23 A / faz-69A	30.3 A / faz-91A
	Frequency	50/60 Hz \pm 8%		
Output inverter by-pass	Power factor range	0.65 ~ 1.0 (nominal 0.7)		
	Voltage and Voltage tolerance	220 VAC \pm 1%		
	Dynamic response	50% ~100 load change \leq 5%		
	Correction time	50% ~100% load change 10 ms		
	Frequency and Frequency range	50 Hz \pm 0.1% Hz		
	Voltage waveform	Sinusoidal		
	Total harmonic distortion (THD)	\leq5% of non-linear load		
	Crest factor	3 : 1		
	Overload capacity	105% ~ 130% load 10 min, > 130% load 1 sec. after the by-pass transfer, 1 min. after the closure (network mode)		
	Short-circuit protection	Electronic short circuit protection		
	By-pass and the transfer time	Standard static by-pass, network to battery mode, Inverter uninterruptible, by-pass transition time of 0 sec.		
	By-pass range and setting	Adjustable in the range of 176 ~ 261 VAC, by-pass can be disabled or can be activated for use in stand-by		
	Battery	Type and battery placement	Dry type battery, or an external type in an optional UPS	
Capacity and pieces		12V 9 Ahx20 pcs	12V 7 Ahx40 pcs	12V 9 Ahx40 pcs
Backup time (%100load)		5 minute	5 minute	5 minute
Nominal charging voltage		240/274 VDC \pm 1%		
Discharge end voltage		220 \pm 3 VDC		
Battery charge current		4.5 A		
Battery charge time		< 5 hour		
Indicators and control	Type	Graphic LCD display		
	Control panel	Touch keys (on / off, audible alarm cancellation, up / down, enter)		
	Measurements and alerts	Input/output, voltage & Frequency, load %, Battery capacity		
Protection	Overload	Electronic overload protection after a period of uninterrupted transfer to by-pass		
	Short circuit	Automatic inverter shutdown		
	Overheated	Internal temperature is 90 °C, the load is transferred by-Pass, <80 °C inverter is running		
	Modem/network protection	For Modem / Network line surge voltage protection (Optional)		
Audible warnings	Alerts	Buzzer, audible warning can be disabled by pressing cancel		
		Battery operation, low battery, UPS fault, different audio signals for fault conditions.		
Communication	Interface and protocol	Communication port RS232 (DB9 type), optional support for SNMP or AS400		
	Software	Free, over a network that allows access and control a single UPS is monitored on the screen a large number of software and the Windows family, Linux, Sun Solaris 7/8/9, IBM Aix 4.3 & 5.1x, HP UX 11.x, Compaq True 64, SGI Irix Free BSD, Unix System, Apple Macintosh support		
General	Total efficiency at 100% load	\geq 90%		
	Noise level	< 55 dBA	< 60 dBA	
	Electromagnetic compatibility	EN 59001-2, EN 62040-1-1, EN 62040-2 (EMI), EN 61000-2-2, EN 61000-4-2 (ESD), EN 61000-4-3 (RS), EN 61000-4-4 (EFT), EN 61000-4-5 (Surge)		
	Operating temperature and humidity	0 °C ~ 40 °C, maximum 20% ~ 90% (non-condensing)		
	Storage temperature	- 25 °C ~ 70 °C		
	Protection class	IP 20		
	Cooling mode	The fan and the cooling load-dependent variable		
	Working height	< 2000 m (sea level)		
	Dimensions (WxHxD) (mm)	260x717x570		
	Weight, UPS+Battery module kg	104	169	177