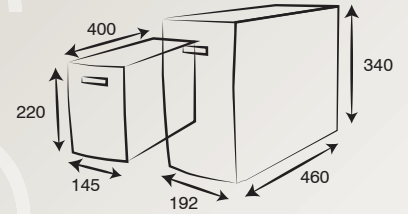


Teknik Bilgiler *Technical Specifications*



	MODEL	C1K	C1KS	C2K	C2KS	C3K	C3KS
Input	Power (VA/Watt)	1000VA/700W		2000VA/1400W		3000VA/2100W	
	N+1 Parallel operation (VA/W)	-					
	Voltage and Voltage tolerance	220VAC, 1 phase + neutral, 110 ~ 300 VAC					
	Power factor	≥ 0.97					
	Current (maximum)	5 A		9.6 A		12 A	
	Frequency	50 / 60 Hz ± 8%					
Output	Power factor range	0.7					
	Voltage and Voltage tolerance	220 VAC ± 2%					
	Dynamic response	<5% for 0-100% load change					
	Correction time	< 150 msec					
	Frequency range	50 Hz, ± 0.2% Hz on battery					
	Voltage waveform	Pure sinewave					
	Total harmonic distortion	≤2%, linear load			≤3% linear load		
	Crest factor	3 : 1					
	Overload capacity	30 sec for 110% ~ 150% load, 10 sec for 150% load					
	Short-circuit protection	Electronic short circuit protection					
	By-pass and the transfer time	Standard static by-pass, pass to the battery without interruption from the mains, by-pass transition typical 2.5 msec					
Battery	Battery type	VRLA					
	Capacity and pieces	12V 7 Ahx3 pcs	Without battery	12V 7 Ahx8 pcs	Without battery	12V 7 Ahx8 pcs	Without battery
	Backup time (%100 load)	8 minutes	-	13 minutes	-	6 minutes	-
	Nominal charge voltage	41.1 ± 0.6 VDC			110 ± 0.4 VDC		
	Discharge end voltage	30.6 VDC			81.6 VDC		
	Battery charge current	1 A	6.5 A	1 A	4.5 A	1 A	4.5 A
	Battery charge time	< 5 hours					
Indicators and control	Type	Graphic LCD or LED display					
	Control panel	Touch buttons (on, off, cancellation of an audible alarm)					
	Measurements and alerts	Input/output, Voltage & Frequency, load %, battery capacity and Voltage					
Protection	Overload	Electronic overload protection after a period of uninterrupted transfer to by-pass					
	Short circuit	Automatic inverter shutdown					
	Overheated	Transfer to by-pass the internal temperature of 90 °C, <80 °C when transferred back to inverter					
	Modem/network protection	Surge voltage protection for Modem / Network line					
Audible warnings	Warning and alerts	Buzzer, sound alarm, audible alarm can be turned off, battery operation, battery low, low voltage, UPS failure					
Communication	Interface and protocol	RS232 Communication port DB9 port, optional SNMP or AS 400 support					
	Software	Free network support, monitoring and control software, Windows 98/ME/NT/2000/XP/2003/VISTA 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 MAC operating systems support.					
General	Efficiency	85%				90%	
	Noise level	< 42dBA			< 45dBA		
	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, 20% ~ 90% (non-condensing)					
	Storage temperature	-25 °C ~ 70 °C					
	Protection class	IP 20					
	Cooling mode	Variable speed with cooling fan					
	Working height	2000 m					
	Dimensions (WxDxH) mm	145x400x220			192x460x340		
	Weight, UPS+Battery module kg	13	7	32	15	33	16