

AC/DC[®] UPS

www.acdc.com.tr



UPSon Sinus Series Uninterruptible Power Supplies True Online 1 Phase Input - 1 Phase Output



CE

1 - 2 - 3 kVA

- Cold Start
- LED Panel
- EMI / RFI Filter
- True Sine Wave
- Microprocessing Controlled
- Short Circuit & Over Load Protection
- Wide Input Voltage Range (160 ~ 280 VAC)
- Monitoring Via Computer With Intelligent RS-232 Protocol
- Back-up Time up to 4-6 Hours With Extra Battery (Optional)
- Remote Monitoring and Control Via Internet With SNMP Modul (Optional)

AC/DC[®] UPS

UPSon Sinus Series - 1 - 2 - 3 kVA Uninterruptible Power Supply Technical Specifications

MODEL	Sinüs 1001	Sinüs 1002	Sinüs 1003
Power (kVA)	1 kVA	2 kVA	3 kVA
Power (kWatt)	0.7 kWatt	1.4 kWatt	2.1 kWatt
INPUT			
Input Voltage	220 / 230 / 240 VAC		
Input Voltage range	160 VAC - 280 VAC		
Input Frequency	50 Hz ~ 60Hz ± 5% (Automatic detection)		
Input Power Factor	> 0,98 (Full Load)		
OUTPUT			
Output Power Factor	0,7		
Output Voltage	220 / 230 / 240 VAC ± % 2		
Output Frequency	50 Hz ± 0,5% Hz. (free mode)		
Synchronization	1 Hz / Sec.		
Voltage Fluctuation Shape	True Sine		
Total Harmonic Distortion	< %3 (no load- full load)		
Crest Factor	3:1		
Cold Start	Available		
Transfer Time (Line Failure)	0 ms		
BATTERY			
Type	Maintenance-Free dry type battery, built-in , Extra Optional cabin		
Battery No / Voltage	3 pcs / 36VDC	6 pcs / 72VDC	8 pcs / 96VDC
Battery Back-up time	~ 10 minutes		
Battery Charge Control	Current , Voltage , Heat and PWM Control		
Battery Charge Time	8 hours of up to 90% capacity charge time after deep discharge. Extra chargers for longer charge times		
DISPLAY AND CONTROL Panel			
Type	LED Panel		
Control Panel	Push Button (On / Off, Sound Alert is off)		
Display	Low Battery,Inverter,By-Pass,Self Testing Load Level,Battery Level,Overload,Failure Status (by LEDs)		
PROTECTIONS			
Over Loading Capacity	at %100 ~ 120 load Without By-Pass 60 sec ; at %120 ~ 150 load Without By-Pass 10 sec ; > %150 load By-Pass		
Short Circuit	a)Inverter Mode : UPS shuts down and breaks down the circuit. b) By-Pass Mode : AC protection blows out fuse.		
Over Heat	a) If line is normal UPS passes By-Pass mode b) If line is abnormal : alarm beeps ; failure LED is on ; UPS cuts the Output		
High Voltage	Passes to Back-up mode		
Low Battery Level	Alarm beeps till the batteries are over		
Noise / Fault Current	EN50091-2 standarts / EN61000-4-5 standarts		
ALARMS & WARNINGS			
Audial & Visual	Buzzer can be off ; line failure , battery low ,UPS fault status ,overload		
COMMUNICATION			
Computer Interface / Protocol	Standart RS232 / Megatec Protocol		
Operating System Compatibility	MS-Windows 95/98/NT/2000/XP, Novell, Netware, Linux, OS/2, Netlite, MS-DOS, HP-UX, AIX, SUN OS, XENIX, UNIX		
GENERAL			
Efficiency AC/AC	> % 85		
Noise level	< 45dB (1 m)		
Topology	High frequency PWM, IGBT, True Online, Multiple Micro controlling Design		
Operation Temperature/ Humidity	0° C ~ 40° C, max 95 % (not condensated)		
Cooling	Blower		
Dimensions W x H x D (mm)	147 x 223 x 401	130 x 365 x 480	190 x 365 x 455
Net weight (kg)	15 kg	27 kg	36 kg
SNMP Compatibility	SNMP Card Compatible (Optional)		
SAFETY			
Safety / EMC	EN50091-1 / EN50091-2		
Certificate	CE		



ACDC Elektronik Sistemler
Danışmanlık San. ve Tic. Ltd. Şti.

Perpa Ticaret Merkezi A Blok Kat: 8
No: 851 Okmeydanı 34384, İstanbul
Tel : +90 212 320 20 07 Pbx
Faks : +90 212 320 20 09
info@acdc.com.tr
www.acdc.com.tr

