

AC/DC[®] UPS

www.acdc.com.tr



True Online 1 Phase Input - 1 Phase Output



7,5 kVA - 15 kVA

CE

- Cold Start
- LED Display
- RFI Output Filter
- Sine Wave and True Online
- Manual By-Pass From Front Panel
- Driving Capability Non-Linear Loads
- Internal Output Insulation Transformer
- High Frequency Switching IGBT Technology
- Uninterrupted Maintenance By-Pass Capability
- Access to UPS Informations Via Internet (Optional)
- LCD Display For Measure, Status and Alarm Messages
- High Reliability With Microprocessor and Intelligent Driver
- Audial Alarm / Automatic and Manual Battery Test System
- Intelligent Communication (RS232) and SNMP / HTTP Support

TÜV
AUSTRIA
HELLAS
EN ISO 9001:2008

Your Positive Energy Source...

MODEL	1007	1010	1015
Power (kVA)	7,5	10	15
Power (kWatt)	5,25	7	10,5
INPUT-RECTIFIER			
Input Voltage	220 VAC		
Input Voltage Range	+ % 15		
Input Frequency	50 Hz		
Input Frequency Tolerance	+ % 5		
Input Power Factor	> 0,8		
OUTPUT-INVERTOR&By-Pass			
Output Power Factor	0,7		
Output Voltage	220 VAC		
Output Voltage Regulation	+ % 1		
Output Frequency	50 Hz		
Frequency Resolution	+ % 0,1 (from battery) ; + % 1 (from line)		
Voltage Fluctuation Shape	True Sine		
Total Harmonic Distortion	< % 3 (no-load to full load)		
Cold Start	Available		
Invertor Efficiency	> % 92		
Total Efficiency	% 85 - % 87		
Crest Factor	3: 1		
Transfer Time (Line Failure)	0 ms.		
BATTERY			
Type	Maintenance - Free dry type Optional cabin		
Battery No	20 pcs		
Battery Back-Up Time	~ 10 minutes		
DC Voltage	240 VDC		
Battery Test	Automatic and Manual Battery Test System		
Battery Charge Time	10 hours of up to 90% capacity charge time After deep discharge. Extra chargers for longer charge times (Optional)		
DISPLAY			
Type	Touch Screen, LCD Panel		
LCDC Display	Input/Output/Battery voltage, Invertor frequency, Battery percentage, Load percentage, Maximum load percentage, Sync hronisation and alarms		
LED Display	Load at By-Pass ; Load at UPS ; LED's for alarm and operation from battery		
PROTECTIONS			
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		
Low Battery Level	Alarm beeps till the batteries are over		
ALARMS & WARNINGS			
Audial & Visual	By-Pass / Line failure, Load at By-Pass, Overload, No line, No input, Output voltage high / Low, Over heat, Battery voltage high / Low, Short circuit (Buzzer can be off)		
COMPUTERINTER FACE			
Control & Monitoring	Dry Contact Information, RS232 Serial Port (Megatec Protocol), Remote Monitoring Panel, SNMP		
Dry Contact Information	Output at UPS / By-Pass, Operation From Battery / Line, Battery Low / Normal		
HTTP / SNMP Compatibility	Windows 98 / XP, Linux, Novell, OS/2, UNIX		
GENERAL			
Noise Level	< 55 dB (1 mm)		
Topology	Hi Frequency IGBT, PWM, True Online, High Reliability With Microprocessor and Intelligent Driver		
Operation Temperature / Humidity	0 °C ~ 40 °C, max 90% (not condensated)		
Cooling	Forced Cooling by blower		
Dimensions WxHxD (mm)	265 x 740 x 830		
Net Weight (kg)	~90 kg	~94 kg	~101 kg