

ARTronic® UPS

Line Interactive Uninterruptible Power Supply

ART Eco / ART / ART Plus Series 600 - 1000 - 2000 VA



- Professional Solutions With LED or LCD Front Panel
- High Efficiency With Microprocessor Control
- Wide Input Voltage Range With Automatic Voltage Regulation
- True Power, Long Backup Time, Hot Swappable Battery
- Cold Start, Modem / Tel High Voltage Protection
- RS232 Communication Part, Free Monitoring Software



Our work is power !



THE ART OF ELECTRONICS



ART Eco 600 VA



ART/ART Plus 600 VA



ART Eco/ART/ART Plus 600 - 1000 - 2000 VA Technical Specifications

MODEL	ART Eco 600 / ART 600 / ART Plus 600		ART 1000 / ART Plus 1000	ART 2000 / ART Plus 2000
Capacity (VA / Watt)	600 / 360		1000 / 600	2000 / 1200
Input				
Voltage	220 VAC, 1 Phase + Neutral			
Voltage Tolerance	162-290 VAC \pm 3 %	162-290 VAC \pm 3 %	166-290 VAC \pm 3 %	
Automatic Voltage Regulation	Boost and Buck AVR, 2 Step Voltage Regulation			
Frequency	45 ~65 Hz, 50 / 60 Hz (Automatic Detection)			
Output				
Voltage	220 VAC			
Voltage Tolerance	\pm 5 ~ 10 %			
Frequency	50 Hz			
Frequency Tolerance	\pm 1 Hz in Battery Mode			
Transfer Time	< 2-6 milliseconds (typical)	< 4-6 milliseconds (typical)	< 4-8 milliseconds (typical)	
Voltage Waveform	Modified Sinewave			
Battery				
Type	Maintenance Free Dry Type			
Capacity & Quantity	12 V 7Ah x 1 pc	12 V 7 Ah x 2 pcs	12 V 9 Ah x 2 pcs	
Battery Backup Time (for 1 pc of PC & 15" Monitor)	13 minutes	40 minutes for 1 pc of PC & monitor 23 minutes for 2 pcs PC & monitor	45 minutes for 1 pc of PC & monitor 30 minutes for 2 pcs PC & monitor	
Recharge Time	8 hours to 90 % after discharge	8 hours to 90 % after discharge	6 hours to 90 % after discharge	
Indicators & Control Panel				
Control Panel	On / Off Button			
Indicators (LED or LCD)	Line Mode	Line Mode / Line Mode AVR Text Messages and Symbol		
	Battery Mode	Backup Mode with Battery Symbol		
	Load / Battery Level	Load & Battery Levels, Four Levels, symbols are for load levels 1st symbol for 0-25 % load, 2nd symbol for 26-50 %, 3rd symbol for 51-75 %, 4th symbol for 76-100 % for battery levels 1st symbol \leq 11VDC, 2nd symbol \leq 11,5 VDC, 3rd symbol \leq 12 VDC, 4th symbol $>$ 12,5 VDC		
	Failure	Fault Message with Codes		
Protections				
Full Protection	Overload, Short Circuit, Over Charge, Discharge, Modem/Network Protection (Except ARTEco), Automatic Input Fuse Protection			
Audible Alarm				
Warnings	Battery Mode	Sounding every 10 seconds		
	Battery Low	Sounding every seconds, to Battery Replace sounding every 2 seconds		
	Failure	Continuously Sounding		
	Over Load	Sounding every 0.5 seconds		
Communication				
Interface & Protocol	Standard DB 9 (female) Port, Intelligent RS232 (Except ARTEco)			
Software	Free Downloadable, Network Supported Monitoring & Control Software, Supports for Windows 98 / ME /NT/2000/XP/2003, Linux, Sun Solaris 7/8/9, IBM Aix 4.3&5.1x, HP-UX 11.x, Compaq True 64, SGI Irix, Free BSD, Unix Systems, MAC Supported			
General				
Noise Level	Less than 40 dBA @ Line Mode, Less than 45 dBA @ Battery Mode			
Operating Temperature	0 °C ~ 40 °C			
Storage Temperature	-20 °C ~ +70 °C			
Relative Humidity	maximum 0-90 % (non condensed)			
Protection Class	IP20			
Type of Cooling	Natural Cooling	Forced with Fan	Forced with Fan	
Altitude	< 1000 meters (from sea level) @ nominal load			
Dimensions (mm), W x H x D	100 x 140 x 330	140 x 180 x 368 (LED), 145 x 205 x 405 (LCD)		
Weight, with Battery (kg)	6 / 5.6	13.8 / 9.6		145 x 205 x405

*Product specifications are subject to change without further notice to third parties. © 2007 ARTronic Elektronik San. Müm. Tic. A.Ş.

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