

- **Powerful CPU integrates and True online architecture (pure sine-wave)**
- **Very wide input range (160-280V) application without using battery power**
- **The high crest factor of the inverter handles all high-inrush current loads without power rating upgrading**
- **Smart Battery Management enhances battery utilization and life**
- **SNMP Card embedded**
- **Dual Input (Inverter e Bypass)**



Product line “On-Power” is able to protect even the most sophisticated electric devices thanks to the On-Line technology where the charge is always powered by the UPS, granting reliable voltage and frequency in every condition. No transfer time: On line UPS is always feeding the load attached.

Built-in microprocessor controls continuously UPS and battery functioning granting their efficiency.

Crest factor allows the UPS functioning (without any power rating increasing) with any power supply, especially for Computer Systems.

Smart Battery Management controls battery performance continuously and it charges them only when they need it and only for the necessary time.

Automatically corrects either under-voltage or over-voltage condition without unnecessary battery drain and extend the battery’s life. Optional interfaces AS-400, Relay (with dry contacts) andSNMPallowto place thoseUPSboth in office and factory. In case of black out or overload, also when mains is damaged, the UPS turns on the Protection System for the users and for himself aswell.

Metal chassis guarantees higher protection from electromagnetic disturbs.

The easy going installation and the intuitive usage make this product suitable for any kind of user.

The built-in microprocessor allows the UPS (UPSilon2000 software is included in all models) to communicate with your Personal Computer thanks to the serial interface Rs232, making you able to check its performances and planning its shut down and data savings every-time.

TECHNICAL FEATURES

MODEL	A03-OP6000	MODEL	A03-OP6000
Power Rating	6000 VA - 4200 W	ALARMS	Audible and Visual Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions
INPUT	Voltage (Vac) 160-280	DISPLAY	Self Diagnostics Push Button (On Demand)
	Frequency (Hz) 50 ± 5% (Auto Sensing)		LED+LCD Utility, Battery, Inverter, Bypass, Self-Test,
	Phase SingleLine+Neutral+Ground		OverLoad, Load/Battery Level and Fault
	Input Power Factor > 0.99 (Full Load)	PHYSICAL	Dim (WxDxH) 290 x 645 x 748 mm
OUTPUT	Voltage (Vac) 220/230/240		Outlets Terminal Block
	Voltage Regulation ± 2%		Net Weights (Kgs) 80
	Voltage Adjustment ± 0%; ± 1%; ± 2%; ± 3%	ENVIRONMENTAL	Operating 0-40° C
	Frequency Stability ±0.2% (Free Running)		Temperature
	Frequency Regulation ± 1%; ± 3%		Temperature Warning The battery design life is based on a temperature of 25°C. Ambient temperature above this range will reduce battery life
	Wave Form Sine Wave, THD<4% (no load to full load)		Altitude / Humidity 0-2000m up to 40°C, 3000m up to 35°C / 90% RH Humidity max (non-condensing)
	Rated Power Factor 0.7		Noise < 45 dB (at 1 metere)
	Transfer Time 0 ms	COMPUTER INTERFACE	Interface Type Standard RS232 Interface / SNMP
	Crest Factor 3:1		Protocol MEGATEC Protocol
	Efficiency (AC to AC) >90% (Normal)		AS 400 Interface Optional As400/ Basic Photo Contact Interface Board provides Utility Failure, Battery Low, Bypass Active, UPS Shutdown functions
	Efficiency >98% (ECO)		SNMP Adaptability Slot for Standard SNMP Card
	(AC to AC, ECO)		Compatibility of UPSilon2000 for: Novell NetWare,
	Run Time (Full Load) > 8 min		Bundled Software Windows95/98, Windows NT, Windows ME, Windows 2000 and XP, Linux and FREE BSD
	DC Start Yes		Optional Software UPSilon for UNIX, SNMP Adapter, USBMate
BATTERY	Type Maintenance Free Sealed	SAFETY	Quality Assurance ISO9001 Certified Company
	Lead Acid	CONFORMANCE	Marks CE
	Quantity (pcs) 20		
	Voltage (Vdc) 240		
	Recharge Time 4 Hours to 90%		
	Supplem. Charger Optional 1000W Isolated chargers		
PROTECTION	Short Circuit Hold Whole System		
	OverHeat Switch to Bypass		
	High Voltage Trip Switch to Backup Mode		
	Battery Low Alarm and Switch Off		
	Noise Suppression Complies with EN50091-2		
	Spike Suppression Complies with EN610000-4-5		
	OverLoad AC Mode:		
	1) <105% continuously Alarm		
	2) 105%-150% delay 40 seconds before switching to bypass		
	4) >150% immediately switching to bypass		
	Backup Mode: Same Delay		
	Time as AC Mode, then completely shutdown		

BACKUP TIME REFERENCE (7Ah/12V):

LOAD	A03-OP6000	Battery Bank* (20)	Battery Bank* (40)
1000 W	51 Min.	111 Min.	190 Min.
1600 W	29 Min.	65 Min.	104 Min.
2500 W	16 Min.	38 Min.	63 Min.
3300 W	11 Min.	28 Min.	45 Min.
4200 W	7 Min.	20 Min.	33 Min.
Total Batteries	20 x 7Ah/12V	40 x 7Ah/12V	60 x 7Ah/12V

BACKUP TIME REFERENCE (9Ah/12V):

LOAD	A03-OP6000	Battery Bank* (20)	Battery Bank* (40)
1000 W	67 Min.	156 Min.	254 Min.
1600 W	38 Min.	90 Min.	147 Min.
2500 W	23 Min.	52 Min.	86 Min.
3300 W	16 Min.	37 Min.	61 Min.
4200 W	11 Min.	28 Min.	46 Min.
Total Batteries	20 x 9Ah/12V	40 x 9Ah/12V	60 x 9Ah/12V

* Dimension [D x H x W (mm)] = 440 x 176 x 677

PRODUCT: On Power True On-Line Sinewave
Double Conversion UPS

PRODUCT CODE: A03-OP6000

EAN CODE: 8026974006291

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