

# EVO 1-3kVA

1000-3000 VA On-Line Double Conversion UPS

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- On-Line double conversion technology
- Stabilization +/- 2%
- True Sine wave output
- RJ11/RJ45 filtered phone plug
- RS-232 Port
- Automatic bypass
- UPS Management Software included



Model	FGCEVO1A	FGCEVO2A	FGCEVO3A
Recommended for:	1 LAN server + 2 clients	1 LAN Server + 7 clients	1 LAN Server + 10 Clients
Power	1000 VA (700 W)	2000 VA (1400 W)	3000 VA (2100 W)
Technology	On-Line Double Conversion		
Nominal Input Voltage	Single phase 220 / 230 VAC		
Input Voltage Range	+20% -25%		
Input / Output Frequency	50 /60Hz (automatic selection)		
Input Frequency Range	+/- 5 %		
Nominal Output Voltage	Single Phase 220 / 230 V		
Output Voltage Regulation (Line Mode)	+/- 2%		
Output Voltage Regulation (Backup Mode)	+/- 2 %		
Output inverter Waveform	True Sine wave		
Harmonic distortion (THD)	< 3 %		
Overload Capability	< 150 % for 30 s, > 150 % for 10 cycles		
Transfer Time (typical)	0 ms		
Automatic Bypass	Uninterrupted transfer of 100% load from UPS to bypass and vice versa		
Certifications	CE (Standards: Low voltage Directive IEC EN62040-1-1), EMC Directive IEC 62040-2 / EN50091-2)		
Batteries type	Sealed lead acid battery, maintenance free		
Nominal Battery Voltage	3 x 12 V 7,2 Ah (36V)	8 x 12 V 7,2 Ah (96V)	8 x 12 V 7,2 Ah (96V)
Batteries typical recharge time	8 hours		
Expandable autonomy	Available through external battery box (optional)		
Audible Noise (At 1 meter)	< 45 dBA		
Cooling	Fan cooling		
Environmental Specifications	Temperature 0-40 °C . Humidity: 0-95% (without condensation) Altitude: max 3000 m		
Weight	13 kg	33 kg	34 kg
Dimensions (WxHxD cm)	15 x 21 x 41 cm	19 x 34 x 47 cm	19 x 34 x 47 cm
Outlets	3 (IEC Type)	4 (IEC 320-C13 Type) + 1 (IEC 320-C19 type)	
Interface	1 RS-232 port (USB compatible through optional cable code FCAUR)		
Telephone and modem protection	Filtered phone plug RJ11/RJ45 included		
SNMP Interface	Optional code FGCNETAG2		
Ups Software	Included UPSilon2000 software and RS-232 cable		
Equipped with	AC input cable, 2 IEC output cables, UPSilon2000 software, RS-232 cable		
Warranty	2 years		

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## Briefing

UPS Model	UPS code	VA	Autonomy (minutes)		Battery	Battery Number / Type	Dimensions W x H x D (cm)	Weight Kg
			Typical	100% load				
EVO 1.0	FGCEVO1A	1000	15	8	Inside	3 x (12V 7,2Ah)	15 x 21 x 41	13
EVO 2.0	FGCEVO2A	2000	20	12	Inside	8 x (12V 7,2Ah)	19 x 34 x 47	33
EVO 3.0	FGCEVO3A	3000	15	8	Inside	8 x (12V 7,2Ah)	19 x 34 x 47	34

Battery Box code	UPS compability	Autonomy (minutes)		Battery Number / Type	Dimensions W x H x D (cm)	Weight Kg
		Typical	100% load			
FGCBB36/14	FGCEVO1A	30	16	6 x (12V 7,2Ah)	14 x 19 x 44	22
FGCBB96/07	FGCEVO2A	20	12	8 x (12V 7,2Ah)	14 x 19 x 44	27
FGCBB96/07	FGCEVO3A	15	8	8 x (12V 7,2Ah)	14 x 19 x 44	27

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