

# EVO 4 - 15 kVA

## 4000-15000 VA On-Line Double Conversion UPS

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- On-Line double conversion technology
- Stabilization +/- 1%
- True Sine wave output
- RJ11/RJ45 filtered phone plug
- RS-232 Port
- Automatic bypass
- UPS Management Software included



Model	FGCEVO4A	FGCEVO6A	FGCEVO8A	FGCEVO10A	FGCEVO12A	FGCEVO15A
Power	4000 VA (3200 W)	6000 VA (4800 W)	8000 VA (6400 W)	10000 VA (8000 W)	12000 VA (9600 W)	15000 VA (12000 W)
Technology	On-Line Double Conversion with transformer					
Nominal Input Voltage	Single phase 220 / 230 VAC					
Input Voltage Range	+20% -25%					
Input / Output Frequency	50 /60Hz (selectable)					
Input Frequency Range	+/- 5 %					
Nominal Output Voltage	Single Phase 220 / 230 V					
Output Voltage Regulation (Line Mode)	+/- 1%					
Output Voltage Regulation (Backup Mode)	+/- 1 %					
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	192 V					
Batteries typical recharge time	8 hours					
Expandable autonomy	Available through external battery box (optional)					
Audible Noise (At 1 meter)	< 50 dBA					
Cooling	Fan cooling					
Environmental Specifications	Temperature 0-40 °C . Humidity: 0-95% (without condensation) Altitude: max 3000 m					
Weight	See table next page					
Dimensions (WxHxD cm)	See table next page					
Input / Output Terminal blocks	On the rear, in the bottom part					
Interface	1 RS-232 port (USB compatible through optional cable code FCAUR)					
Telephone protection	Filtered phone plug RJ11/RJ45 included					
SNMP Interface	Optional code FGCNETAG2					
Ups Software	Included UPSilon2000 software and RS-232 cable					
Equipped with	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
						UPS	Battery box	
EVO 4.0 12min	FGCEVO4A/12	4000	12	Inside	16 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	105
EVO 4.0 25min	FGCEVO4A/25	4000	25	Inside + box	32 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	171
EVO 4.0 50min	FGCEVO4A/50	4000	50	Inside + box	64 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	245
EVO 4.0 65min	FGCEVO4A/65	4000	65	Inside + box	80 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	282
EVO 6.0 10min	FGCEVO6A/10	6000	10	Inside	16 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	109
EVO 6.0 20min	FGCEVO6A/20	6000	20	Inside + box	32 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	175
EVO 6.0 40min	FGCEVO6A/40	6000	40	Inside + box	64 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	249
EVO 6.0 55min	FGCEVO6A/55	6000	55	Inside + box	80 x (12V 7,2Ah)	23 x 70 x 58	27 x 73 x 63	286
EVO 8.0 0min	FGCEVO8A/00	8000	0	-	-	31 x 87 x 59	-	105
EVO 8.0 10min	FGCEVO8A/10	8000	10	Inside + box	16 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	179
EVO 8.0 20min	FGCEVO8A/20	8000	20	Inside + box	32 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	224
EVO 8.0 40min	FGCEVO8A/40	8000	40	Inside + box	64 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	313
EVO 8.0 80min	FGCEVO8A/80	8000	80	Inside + box	32 x (12V 38 Ah)	31 x 87 x 59	55 x 120 x 65	607
EVO 10.0 0min	FGCEVO10A/00	10000	0	-	-	31 x 87 x 59	-	115
EVO 10.0 8min	FGCEVO10A/08	10000	8	Inside + box	16 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	189
EVO 10.0 15min	FGCEVO10A/15	10000	15	Inside + box	32 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	234
EVO 10.0 30min	FGCEVO10A/30	10000	30	Inside + box	64 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	323
EVO 10.0 65min	FGCEVO10A/65	10000	65	Inside + box	32 x (12V 38 Ah)	31 x 87 x 59	55 x 120 x 65	617
EVO 12.0 0min	FGCEVO12A/00	12000	0	-	-	31 x 87 x 59	-	165
EVO 12.0 6min	FGCEVO12A/06	12000	6	Inside + box	16 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	239
EVO 12.0 12min	FGCEVO12A/12	12000	12	Inside + box	32 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	284
EVO 12.0 25min	FGCEVO12A/25	12000	25	Inside + box	64 x (12V 9,0Ah)	31 x 87 x 59	27 x 73 x 63	373
EVO 12.0 50min	FGCEVO12A/50	12000	50	Inside + box	32 x (12V 38 Ah)	31 x 87 x 59	55 x 120 x 65	667
EVO 15.0 0min	FGCEVO15A/00	15000	0	-	-	73 x 118 x 46	-	200
EVO 15.0 10min	FGCEVO15A/10	15000	10	Inside + box	32 x (12V 9,0Ah)	73 x 118 x 46	27 x 73 x 63	319
EVO 15.0 20min	FGCEVO15A/20	15000	20	Inside + box	64 x (12V 9,0Ah)	73 x 118 x 46	27 x 73 x 63	408
EVO 15.0 40min	FGCEVO15A/40	15000	40	Inside + box	32 x (12V 38 Ah)	73 x 118 x 46	55 x 120 x 65	702
EVO 15.0 60min	FGCEVO15A/60	15000	60	Inside + box	32 x (12V 55 Ah)	73 x 118 x 46	86 x 144 x 86	880