



- 1 - USB port
- 2 - Output sockets
- 3 - Input thermal protection
- 4 - Power cable

### Main Specifications

- For Local Area Network (LAN), Electromedical equipment, Industrial processes, Virtual server, Pellet stove, Home heating system
- Rectifier realized by IGBT technology
- Compatible with Generators
- Battery charging system controlled by microprocessor
- Static Bypass
- High efficiency and low operating cost
- UPS Management Software TecnoManager compatible with Windows, MAC OS X, Unix, Linux, ecc.

### Specifications

UPS Model	EVO DSP PLUS 1.000 LED
Code	<b>FGCEVDP1000MM</b>
Nominal Power	1.000 VA
Active power	700 W
Power factor	0,7
Technology	On-Line Double Conversion transformerless (VFI-SS-111)
Cooling	Fan cooling
Audible noise	< 45 dBA at 1 m
Dimension (UPS) WxHxD	10x14,5x30 cm
Dimension (with packing) WxHxD	18,5x25,5x38,8 cm
Weight	5 Kg
<b>Input</b>	
Number of phases	1Ph+N
Nominal voltage	208Vac/220Vac/230Vac/240Vac
Input voltage range	160Vac-300Vac from 50% to 100% load, 110Vac-300Vac up to 50% load
Nominal frequency	50/60 Hz (selectable)
Input frequency range (On-Line mode)	±7%
Input power factor	0,99
<b>Output</b>	
Number of phases	1Ph+N
Nominal voltage	208Vac/220Vac/230Vac/240Vac
Static voltage Regulation at %100 linear load (On-Line and battery mode)	±2%
Voltage THD at rated linear load	<3% (linear load), <6% (non-linear load)
Crest factor	3:1
Frequency	50/60 Hz (selectable)
Free running frequency	±0,2 Hz
Inverter waveform	Sinewave
Overload capability	110% only audible warning, 110-130% for 30 sec, >130% for 100 ms
Efficiency	94%, calculated in double conversion modo to 100% load according to standard 62040-3
Transfer time	0 ms (On-Line)
<b>Battery</b>	
Type	Lead acid, sealed, maintenance free
Backup time (Typical)	10 min
<b>Environmental specification</b>	
Working temperature	From 0 to 40 °C (recommended from 20 to 25 °C, for a correct battery use see "Battery life in service" graphic)
Humidity	< 95% without condensation
Maximum altitude	3000 m
IP protection	IP20
Certifications	CE (Standards: Low Voltage Directive IEC EN 62040-1; EMC Directive IEC EN 62040-2; classification IEC EN 62040-3)

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