



POWER FACTOR 0,9



Ups Evo DSP PLUS 1.200 Rack Tower PF 0,9



Ups Evo DSP MM 2.400 Rack Tower PF 0,9



Ups Evo DSP MM 3.600 Rack Tower PF 0,9



- 1 Input socket
- 2 Input Thermal protection
- 3 IEC320 C13 output sockets with Blackout protection
- 4 IEC320 C19 output socket with Blackout protection
- 5 USB port
- 6 RS232 port
- 7 Slot for SNMP, Dry Contact or MODBUS interface
- 8 EPO connector
- 9 Connector for additional Battery Box

Main Specifications

- For Local Area Network (LAN), Data Centers, Industrial equipment, Electromedical equipment
- Convertible format (Tower or Rack 19") with adjustable display
- Power Factor 0,9
- Rectifier realized by IGBT technology
- Compatible with Generators

- Battery charging system controlled by microprocessor
- Hot Swap Battery
- Static Bypass
- Intelligent slot for SNMP or Dry Contact card or MODBUS
- High efficiency and low operating cost
- UPS Management Software TecnoManager compatible with Windows, Mac OS X, Unix, Linux, etc.

HIGH EFFICIENCY 94%

Specifications

UPS Model	EVO DSP PLUS 1.200 RACK TOWER PF 0,9	EVO DSP PLUS 2.400 RACK TOWER PF 0,9	EVO DSP PLUS 3.600 RACK TOWER PF 0,9
Code	FGCEDP1202RTIEC	FGCEDP2402RTIEC	FGCEDP3602RTIEC
Nominal Power	1.200 VA	2.400 VA	3.600 VA
Active power	1.080 W	2.160 W	3.240 W
Power factor	0,9		
Technology	On-Line Double Conversion transformerless (VFI-SS-111)		
Cooling	Fan cooling		
Audible noise	< 45 dBA to 1 m		
Positioning	Tower positioning or Into 19" rack (2U)		
Dimension UPS LxHxP	43,8x8,8x31 cm	43,8x8,8x41 cm	43,8x8,8x63 cm
Dimension (with packing) LxHxP	50x18x40 cm	56x18x50 cm	76x20x60 cm
Wight	12 Kg	19 Kg	29 Kg
Input			
Number of phases	1Ph+N		
Nominal voltage	208Vac/220Vac/230Vac/240Vac		
Input voltage range	110-300Vac		
Nominal frequency	50/60 Hz (selectable)		
Input frequency range (On-Line mode)	+/- 7%		
Input power factor	0,99		
Output			
Number of phases	1Ph+N		
Nominal voltage	208Vac/220Vac/230Vac/240Vac (selectable)		
Static voltage Regulation at %100 linear load (On-Line and battery mode)	±1%		
Voltage THD at rated linear load	<2% (linear load), <8% (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)		
Battery			
Type	Lead acid, sealed, maintenance free		
Backup time (Typical)	10-30 min		
Extended autonomy	-	-	External Battery Box (optional)
Environmental specification			
Working temperature	From 0 to 55 °C (recommended from 20 to 25 °C)		
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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Accessories

Model	Code
Bypass Box for UPS RT from 1.2 KVA to 3.6 KVA	FGCBYPIEC
Dry Contact DB9 Interface	FGCEVODSDRY3
Dry Contact 9 PIN Interface	FGCEVODSDRY4

Model	Code
SNMP Internal Interface	FGCNETAG7
ModBus RS485 Interface	FGCMODBUS
Kit 2 shelves for UPS Rack Installation	FGCKITEVORT





- 1 Connector for the UPS Battery Box connection 2 Extra Battery Box connector 3 Power socket for the battery charger circuit
4 Thermal Fuse protecting the battery charger circuit 5 Thermal switch for battery circuit

Main Specifications

- Internal battery charger on every unit
- Units can be expanded infinitely
- Batteries with thermal circuit protection
- Easy connection to UPS
- Convertible format (Tower or Rack 19")

Specifications

Model	BATTERY BOX FOR EVO DSP PLUS 3.600 RACK TOWER PF 0,9		
Code	FBBEDP3602RT/09		FBBEDP3602RT/18
Positioning	Into Tower or 19" Rack cabinet (2U) positioning		
Dimension (Box) WxHxD	43,8x8,8x63 cm		
Dimension (with packing) WxHxD	60x24x75 cm		
Weight	30 Kg		43 Kg
Battery			
Type	Lead acid, sealed, maintenance free		
Internal Battery Charger			
Nominal input voltage	230Vac		
Nominal input frequency	50/60Hz		
Nominal charging voltage	82,2Vdc		
Max charging current	1A		
Protection			
Battery charge input	Thermal fuse		
Battery circuit	Magnetothermic switch		
Environmental specification			
Working temperature	From 0 to 55 °C (recommended from 20 to 25 °C)		
Humidity	< 95% without condensation		
Maximum altitude	3000 m		
IP protection	IP20		
Certifications	CE		

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