

# UPS EVO DSP PLUS LCD MM HE

## 1.2-2.4-3.6-6.8

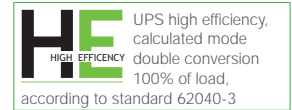


- 1 - USB port
- 2 - RS232 port
- 3 - Interface slot for SNMP or Dry Contact (for EVO DSP Plus MM 6.8 HE in place of USB and RS232)
- 4 - Output sockets
- 5 - Output thermal protection
- 6 - Input socket
- 7 - Output terminals
- 8 - Switch mains input
- 9 - EPO Connector
- 10 - Terminal Input/Output



### 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
- Static Bypass
- High efficiency and low operating cost
- Battery charging system controlled by microprocessor
- UPS Management Software TecnoManager compatible with Windows, Unix, Linux, ecc.



### Specifications

UPS Model	EVO DSP PLUS MM 1.2 HE	EVO DSP PLUS MM 2.4 HE	EVO DSP PLUS MM 3.6 HE	EVO DSP PLUS MM 6.8 HE
Code	FGCEVDP1203MM	FGCEVDP2403MM	FGCEVDP3603MM	FGCEVDP6803MM
Nominal Power	1.200 VA	2.400 VA	3.600 VA	6.800 VA
Active power	840 W	1.680 W	2.520 W	4.800 W
Power factor	0,7			
Technology	On-Line Double Conversion transformerless (VFI-SS-111)			
Cooling	Fan cooling			
Audible noise	< 45 dBA to 1 m		< 48 dBA to 1 m	
Dimension (UPS) WxHxD	14,5x22x28,2 cm	14,5x22x39,7 cm	19x31,8x42,1 cm	19x57,3x36,9 cm
Dimension (with packing) WxHxD	23x33x37 cm	23x33x48 cm	33x46x56 cm	33x83,5x50,5 cm
Weight	10 Kg	17 Kg	27 Kg	46 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 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)			
<b>Warranty</b>				
Standard	24 months - After registration on <a href="http://www.tecnaware.com">www.tecnaware.com</a>			12 months After registration on <a href="http://www.tecnaware.com">www.tecnaware.com</a>

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Available on request with input/output nominal voltage 110Vac or 120Vac and with input plug and output sockets for specific country.

### Accessories

Model	Code	Model	Code
Bypass Box for UPS MM from 1 KVA to 3.6 KVA HE	FGCBYPIEC	SNMP for Evo Dsp MM and Evo Dsp Plus MM HE	FGCNETAG7
Dry Contact for Evo Dsp MM and Evo Dsp Plus MM HE	FGCEVODSDRY3	ModBus RS485 Interface	FGCMODBUS

