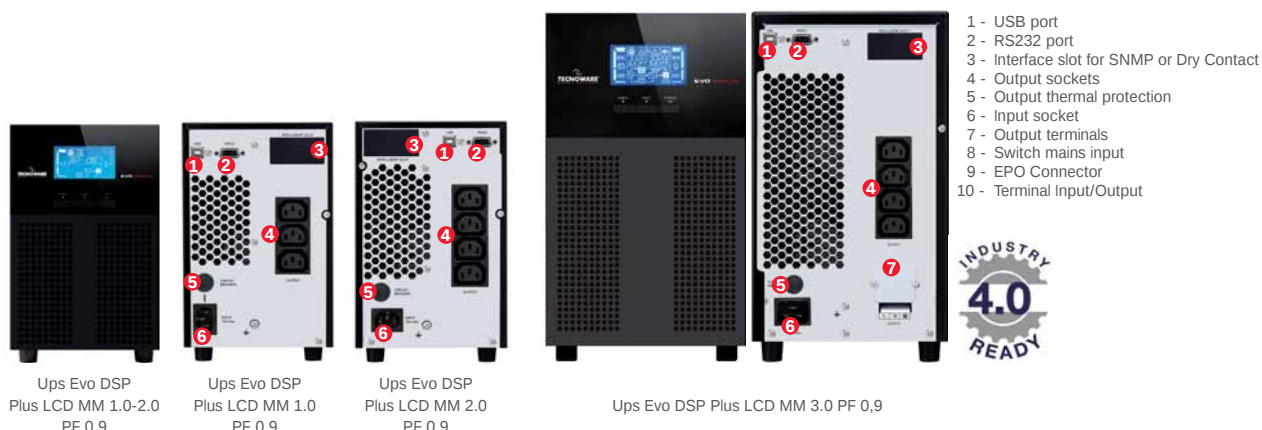




Main Specifications

- 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.

HE UPS high efficiency, calculated mode double conversion 100% of load, according to standard 62040-3

Specifications

UPS Model	EVO DSP PLUS LCD MM 1.0 PF 0,9	EVO DSP PLUS LCD MM 2.0 PF 0,9	EVO DSP PLUS LCD MM 3.0 PF 0,9
Code	FGCEVDP1004MM	FGCEVDP2004MM	FGCEVDP3004MM
Nominal Power	1.000 VA	2.000 VA	3.000 VA
Active power	900 W	1.800 W	2.700 W
Power factor	0,9		
Technology	On-Line Double Conversion transformerless (VFI-SS-111)		
Cooling	Fan cooling		
Audible noise	< 45 dBA to 1 m		
Dimension (UPS) WxHxD	14,5x22x28,2 cm	14,5x22x39,7 cm	19x31,8x42,1 cm
Dimension (with packing) WxHxD	23x33x37 cm	23x33x48 cm	33x46x56 cm
Weight	10 Kg	17 Kg	27 Kg
Input			
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		
Output			
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 modeto 100% load according to standard 62040-3		
Transfer time	0 ms (On-Line)		
Battery			
Type	Lead acid, sealed, maintenance free		
Backup time (Typical)	10 min		
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)		
Warranty			
Standard	24 months - After registration on www.tecnoware.com		

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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 3.0 KVA	FGCBIPIEC	SNMP for Evo Dsp MM and Evo Dsp Plus MM	FGCNETAG7
Dry Contact for Evo Dsp MM and Evo Dsp Plus MM	FGCEVODSDRY3	ModBus RS485 Interface	FGCMODBUS