MODEL	Multi Power2 – from 500 to 1600 kW			
INPUT				
Rated voltage [V]	380 / 400 / 415 three-phase + neutral			
Rated frequency [Hz]	50 / 60			
Voltage tolerance [V]	240[1] - 480			
Frequency tolerance [Hz]	40 - 72			
Power factor	0.99			
THDI	<3%			
BYPASS				
Nominal power [kW]	500 - 1000 - 1250 - 1600 (According to system power configuration)			
Rated voltage [V]	380 / 400 / 415 three-phase + neutral			
Voltage tolerance [V]	from 180 (adjustable 180-200) to 264 (adjustable 250-264) referring to Neutral			
Rated frequency [Hz]	50 or 60			
Frequency tolerance	±5% (selectable)			
Overload	125% for 10 min; 150% for 1 min			
BATTERIES				
Battery arrangement (parallel systems)	Separate/common			
Type	VRLA, NiCd, Li-Ion, Supercaps			
Recharging method	One level, Two level, Cyclic recharge (selectable)			
OUTPUT				
Rated voltage [V]	380[2] / 400 / 415 three-phase + neutral			
Rated frequency [Hz]	50 or 60			
Voltage stability	±1%			
Dynamic stability	EN62040-3 class performance 1 non linear load			
OVERALL SPECIFICATIONS				
Cabinet type	**MP2 500 Power Cabinet**	**M2S 1000 Power Cabinet**	**M2S 1250 Power Cabinet**	**M2S 1600 Power Cabinet**
UPS Nominal Power[3] [kW]	500	1000	1250	1600
Bypass Power [kW]	500	1000	1250	1600
Power factor [pf]	1			
Module slots available	8	20	20	30
Number of PM to reach full power	8x MP2 67 PM	15x MP2 67 PM	19x MP2 67 PM	24x MP2 67 PM
Parallelable up to	4 units			
Max power expandability [kW]	2000	4000	5000	6400
Dimensions (WxDxH) [mm] and weight [kg] PCM[4] Type	600x870x1997 640	N.A.	N.A.	N.A.
Dimensions (WxDxH) [mm] and weight [kg] PCO[4] Type	N.A.	2400x1025x2000 2032	2400x1025x2000 2176	3000x1025x2000 2666
Dimensions (WxDxH) [mm] and weight [kg] PCS[4] Type	N.A.	3000x1025x2000 2157	3000x1025x2000 2301	3600x1025x2000 2791
System Noise Level [dBA±2][1]	<69	<79		
Cabinet IP rating	IP20 (others on request)			
Efficiency ON LINE Mode	up to 98.1%			
Cable Input	Front access - top (bottom with optional)	Front access - top or bottom		
Colour	RAL 9005			
Ambient temp. for the UPS	0 °C - +40 °C			
Ventilation	Front to rear (Top on request)			
Range of relative humidity	5-95% non-condensing			
Standards	European directives: LV 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage Frequency Indipendent) VFI - SS - 111			
Moving UPS cabinet types	Castors (cabinets shipped without PM)	Pallet jack		

[1] Conditions apply.
[2] For wider tolerance conditions apply.
[3] Power rating between 500 kW and 1600 kW can be settled with a selected number of Power Modules.
[4] Weight including Power Modules to reach nominal full power.

The information in this document is subject to change without notice. Riello UPS assumes no responsibility for any errors that may appear in this document.

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