

Multi Power2 Scalable M2S 1600 CT2



OVERALL SPECIFICATION	
Battery cabinet type	M2S 1600 CT2 Power Cabinet
Power module [PM] nominal power	67 kW
Solution nominal Power	1600 kW
Output power factor [pf]	1
Parallel (up to)	4
Cabinet layout description	Up to 30 x MP2 67 PM BLUE or 30 x MP2 67 PM. Unit with embedded backfeed protection device, input and output switch, single input.

INPUT	
Rated power	1600000 VA
Voltage	380 / 400 / 415 V three-phase + N
Frequency tolerance	40 - 72 Hz
Power factor	0.99

BY PASS	
Rated voltage	380 / 400 / 415 V three-phase + N
Voltage tolerance	From 180 V (adjustable 180-200) to 264 V (adjustable 250 – 264) referring to neutral (Ph-N)
Rated frequency	50 or 60 Hz (selectable)
Frequency tolerance	± 5% (selectable)
Number phases	3 + N

OUTPUT and INVERTER OUTPUT	
Rated power	1600000 VA
Active power	1600000 W
Number phases	3 + N
Output voltage	380 / 400 / 415 V three-phase + N
Waveform	Sinewave
Dynamic stability	EN62040-3 class performance 1 non-linear load
Frequency	50 or 60 Hz
Overload	125% for 10 min.; 150% for 1 min.

BATTERIES	
Type	VRLA AGM / GEL; NiCd; Li-Ion; Supercaps
Type of charging	One level, Two level, Cyclic recharge (selectable)

ENVIRONMENTAL	
Color	RAL 9005
Communication	10" Graphic touch screen display – UPS Status led bar – 3 slots for communication interface, 10 input and 8 output signals
Protection rating	IP20 finger proof (either with cabinet doors open or close)
AC/AC efficiency	Up to 98.1% with MP2 67 PM BLUE (ON LINE mode)
Operating temperature	0 °C - +40 °C
Relative humidity	5-95% non-condensing
Standards	European directives: LV 2014/35/EU low voltage; 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 VFI - SS - 111

DATA	
Weight including PMs to reach nominal power	2687 kg
Dimensions (h w d)	2000 x 3600 x 1025 mm
Input phases	3
Output phases	3