

# Multi Power

## MPW 294 (MPW 300 PWC)



OVERALL SPECIFICATION	
Cabinet type	MPW 300 PWC Power Cabinet
Power Module nominal power (Named PM)	42 kW
Solution nominal Power	294 kW
Output power factor [pf]	1
Parallelable (up to)	4
Cabinet layout description	7 x MPW 42 PM

INPUT	
Rated power	294000 VA
Voltage	380 / 400 / 415 V three-phase + N
Frequency tolerance	40 - 72 Hz
Power factor	1

BY PASS	
Rated voltage	380 / 400 / 415 V three-phase + N

OUTPUT and INVERTER OUTPUT	
Rated power	294000 VA
Active power	294000 W
Number phases	3
Output Voltage	380 / 400 / 415 V three-phase + N
Dynamic stability	EN 62040-3 class performance 1 non linear load
Frequency	50 or 60 Hz
Load power factor	1

MODULAR BATTERIES	
Battery Cabinet Type	Modular Type (MPW 170 BTC)
Layout	Modular type made up by Battery Unit (named BU)
Battery features	VRLA batteries lined up inside BU; Constant voltage and current measuring at BU level; Battery status monitoring via Multi Power LCD display
Cabinet lay out description	9 x Battery shelves
Dimensions (h w d)	2000x600x1050 mm
Weight (without PM / BU )	280 kg

CONVENTIONAL BATTERIES	
Battery Cabinet Type	Conventional Type
Layout	Free Standing Battery cabinet / Shelf
Battery features	Conventional battery Blocks VRLA Type
Cabinet lay out description	1 x (20 + 20) Blocks
Dimensions (h w d)	2000x860x800 mm
Weight (without PM / BU )	250 kg

ENVIRONMENTAL	
Color	RAL 9005
Protection rating	IP20 finger proof (either with cabinet doors open or close)
Noise (at 1 m)	<68 [dBA±2]
Standards	European directives: L V 2014/35/EU low voltage; EMC 2014/30/EU electromagnetic compatibility -- Directive & Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2 - category C2; RoHS compliant -- Classification in accordance with IEC 62040-3 VFI - SS - 111

DATA	
Weight	300 kg
Dimensions (h w d)	600x1050x2000 mm
Input phases	3
Output phases	3