## Master MPS

## MPT 200



INPUT	
Voltage	380 - 400 - 415 Vac three-phase Vac
Frequency	45 - 65 Hz
Frequency tolerance	$\pm 2\%$ (selectable from $\pm 1\%$ to $\pm 5\%$ from front panel)
Soft start	0 - 100% in 120" (selectable)
Voltage Range	400 V + 20% /- 25%
BY PASS	
Rated voltage	380 - 400 - 415 Vac three-phase + N
Rated frequency	50 or 60 Hz (selectable)
OUTPUT and INVERTER OUTPU	Т
Rated power	200000 VA
Active power	180000 W
Output Voltage	380 - 400 - 415 Vac three-phase + N (selectable)
Crest factor (Ipeak/Irms)	3:1
Static stability	± 1%
Dynamic stability	± 5% in 10 ms
Frequency	50 or 60 Hz (selectable)
Voltage distortion with distorcing load	< 3% with non-linear load
Voltage distortion with linear load	< 1% with linear load
Frequency stability	0.05%
OVERLOAD TIMES	
100% < Load < 110%	60'
125% = Load < 150%	10'
Load = 150%	1'
BATTERIES	
	VRLA AGM / GEL: NiCd: Supercaps: Li-ion: Flywheels
Туре	VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels
Туре	VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels Dark grey RAL 7016
Type ENVIRONMENTAL Color Communication	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface
Type ENVIRONMENTAL Color Communication Safety compliance	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1
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Type ENVIRONMENTAL Color Communication Safety compliance	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20
Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20 up to 98%
Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency Noise	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20 up to 98% 60 dBA
Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20 up to 98%
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Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency Noise Operating temperature	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20 up to 98% 60 dBA 0 °C/ +40 °C
Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency Noise Operating temperature Relative humidity	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20 up to 98% 60 dBA 0 °C/ +40 °C
Type   ENVIRONMENTAL   Color   Communication   Safety compliance   EMC conformance   Protection rating   Line-Interactive/Smart Active efficiency   Noise   Operating temperature   Relative humidity   DATA	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20 up to 98% 60 dBA 0 °C/ +40 °C <95% non-condensing