Master MPS

MPT 800



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 OUTPL	IT
Rated power	800000 VA
Active power	640000 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	
OVERLOAD TIMES 100% < Load < 110%	60'
	60' 10'
100% < Load < 110%	
100% < Load < 110% 125% = Load < 150%	10'
100% < Load < 110% 125% = Load < 150% Load = 150%	10'
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES	10' 1'
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type	10' 1'
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type ENVIRONMENTAL	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels Dark grey RAL 7016
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type ENVIRONMENTAL Color	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels
100% < Load < 110%	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface
100% < Load < 110%	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1
100% < Load < 110%	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2 IP20
100% < Load < 110%	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels 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%
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency Noise	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels 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% 77 dBA
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency Noise Operating temperature Relative humidity	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels 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% 77 dBA 0 °C/ +40 °C
100% < Load < 110%	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels 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% 77 dBA 0 °C/ +40 °C <95% non-condensing
100% < Load < 110% 125% = Load < 150% Load = 150% BATTERIES Type ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating Line-Interactive/Smart Active efficiency Noise Operating temperature Relative humidity	10' 1' VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels 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% 77 dBA 0 °C/ +40 °C