Master MPS

MPT 20



Watage 380 - 400 - 415 Vac three-phase Vac Frequency 45 - 65 Hz Frequency tolerance ± 2% (selectable from ± 1% to ± 5% from front panel) Soft start 0 - 100% in 120" (selectable) Voltage Range 400 V + 20% /- 25% BY PASS Rated voltage Rated voltage 380 - 400 - 415 Vac three-phase + N Rated requency 50 or 60 Hz (selectable) OUTPUT and INVERTER OUTPUT Rated power Rated power 18000 W Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Crest factor (peak/irms) 3:1 Static stability ± 1% Dynamic stability ± 5% in 10 ms Frequency 50 or 60 Hz (selectable) Voltage distortion with linear load < 1% with innear load Voltage distortion with linear load < 1% with innear load Frequency stability 0.05% OVERLOAD TIMES 10° Load = 150% 1'	INPUT	
Frequency 45 - 65 Hz Frequency tolerance ± 2% (selectable from ± 1% to ± 5% from front panel) Soft start 0 - 100% in 120° (selectable) Voltage Range 400 V + 20% /- 25% BY PASS Rated voltage Rated voltage 380 - 400 - 415 Vac three-phase + N Rated voltage 50 or 60 Hz (selectable) OUTPUT and INVERTER OUTPUT Rated power Rated voltage 380 - 400 - 415 Vac three-phase + N Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Curst factor (lpeak/tms) 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		380 - 400 - 415 Vac three-phase Vac
Frequency tolerance ± 2% (selectable from ± 1% to ± 5% from front panel) Soft start 0 - 100% in 120" (selectable) Voltage Range 400 V + 20% /- 25% BY PASS Rated voltage Rated voltage 380 - 400 - 415 Vac three-phase + N Rated frequency 50 or 60 Hz (selectable) OUTPUT and INVERTER OUTPUT Rated frequency Rated power 20000 VA Active power 18000 W Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Crest factor (lpeak/lms) 3:1 Static stability ± 1% Dynamic stability ± 5% in 10 ms Frequency 50 or 60 Hz (selectable) Voltage distortion with distorcing load < 3% with horn-linear load		
Soft start 0 - 100% in 120" (selectable) Voltage Range 400 V + 20% /- 25% BY PASS Rated voltage Rated voltage 380 - 400 - 415 Vac three-phase + N Rated frequency 50 or 60 Hz (selectable) OUTPUT and INVERTER OUTPUT Rated power 20000 VA Active power 18000 W Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Crest factor (Ipeak/Irms) 3:1 Statis 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 Range 400 V + 20% /- 25% BY PASS Rated voltage Rated voltage 380 - 400 - 415 Vac three-phase + N Rated frequency 50 or 60 Hz (selectable) OUTPUT and INVERTER OUTPUT Rated power 20000 VA Active power 18000 W Output Voltage 380 - 400 - 415 Vac three-phase + N (selectable) Crest factor (bjeak/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		
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Rated voltage380 - 400 - 415 Vac three-phase + NRated frequency50 or 60 Hz (selectable)OUTPUT and INVERTER OUTPUTRated power20000 VAActive power18000 WOutput Voltage380 - 400 - 415 Vac three-phase + N (selectable)Crest factor (Ipeak/Irms)3:1Static stability± 1%Dynamic stability± 5% in 10 msFrequency50 or 60 Hz (selectable)Voltage distortion with distorcing load< 3% with non-linear loadVoltage distortion with linear load< 1% with linear loadFrequency stability0.05%OVERLOAD TIMESIO0% < Load < 110%BATTERIESTypeVRLA AGM / GEL; NiCd; Supercaps; Li-ion; FlywheelsENVIRONMENTALDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C / 440 °CRelative humidity<\$9% non-condensingDATAWeight256 Kg	Volage Range	400 4 1 20/01 20/0
Rated frequency 50 or 60 Hz (selectable) OUTPUT and INVERTER OUTPUT Rated power 20000 VA Active power 18000 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' Load < 110% 10' Load < 150% 10' Load = 150% 1' BATTERIES Type VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels ENVIRONMENTAL Color Dark grey RAL 7016 Communication Double RS232 + dry contacts + 2 slots for communications interface Safety compliance IEC EN 62040-1 EMC conformance IEC EN 62040-2 Protection rating IP20 Line-Interactive/Smart Active efficiency up to 98% Noise 60 dBA Operating temperature 0 °C / 440 °C	BY PASS	
OUTPUT and INVERTER OUTPUT Rated power 20000 VA Active power 18000 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	Rated voltage	380 - 400 - 415 Vac three-phase + N
Rated power20000 VAActive power18000 WOutput Voltage380 - 400 - 415 Vac three-phase + N (selectable)Creat factor (Ipeak/Irms)3:1Static stability± 1%Dynamic stability± 5% in 10 msFrequency50 or 60 Hz (selectable)Voltage distortion with distorcing load< 3% with non-linear load	Rated frequency	50 or 60 Hz (selectable)
Active power18000 WOutput Voltage380 - 400 - 415 Vac three-phase + N (selectable)Crest factor (Ipeak/Irms)3:1Static stability± 1%Dynamic stability± 5% in 10 msFrequency50 or 60 Hz (selectable)Voltage distortion with distorcing load< 3% with non-linear load	OUTPUT and INVERTER OUTPUT	
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	Rated power	20000 VA
Crest factor (tpeak/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	Active power	18000 W
Static stability± 1%Dynamic stability± 5% in 10 msFrequency50 or 60 Hz (selectable)Voltage distortion with distorcing load< 3% with non-linear load	Output Voltage	380 - 400 - 415 Vac three-phase + N (selectable)
Dynamic stability± 5% in 10 msFrequency50 or 60 Hz (selectable)Voltage distortion with distorcing load< 3% with non-linear load	Crest factor (Ipeak/Irms)	3:1
Frequency50 or 60 Hz (selectable)Voltage distortion with distorcing load< 3% with non-linear load	Static stability	± 1%
Voltage distortion with distorcing load< 3% with non-linear loadVoltage distortion with linear load< 1% with linear load	Dynamic stability	± 5% in 10 ms
Voltage distortion with linear load< 1% with linear loadFrequency stability0.05%OVERLOAD TIMES100% < Load < 110%	Frequency	50 or 60 Hz (selectable)
Frequency stability0.05%OVERLOAD TIMES100% < Load < 110%	Voltage distortion with distorcing load	< 3% with non-linear load
OVERLOAD TIMES 100% < Load < 110%	Voltage distortion with linear load	< 1% with linear load
100% < Load < 110%60'125% = Load < 150%	Frequency stability	0.05%
125% = Load < 150%10'Load = 150%1'BATTERIESTypeVRLA AGM / GEL; NiCd; Supercaps; Li-ion; FlywheelsENVIRONMENTALColorDark grey RAL 7016CommunicationDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing	OVERLOAD TIMES	
Load = 150%1'BATTERIESTypeVRLA AGM / GEL; NiCd; Supercaps; Li-ion; FlywheelsENVIRONMENTALColorDark grey RAL 7016CommunicationDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensingDATAWeight256 Kg	100% < Load < 110%	60'
BATTERIES Type VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels ENVIRONMENTAL Color Dark grey RAL 7016 Communication Double RS232 + dry contacts + 2 slots for communications interface Safety compliance IEC EN 62040-1 EMC conformance IEC EN 62040-2 Protection rating IP20 Line-Interactive/Smart Active efficiency up to 98% Noise 60 dBA Operating temperature 0 °C/ +40 °C Relative humidity <95% non-condensing	125% = Load < 150%	10'
TypeVRLA AGM / GEL; NiCd; Supercaps; Li-ion; FlywheelsENVIRONMENTALColorDark grey RAL 7016CommunicationDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing	Load = 150%	1'
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ENVIRONMENTALColorDark grey RAL 7016CommunicationDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing		VPLA ACM / CEL: NiCd: Supercape: Li-jop: Elympeels
ColorDark grey RAL 7016CommunicationDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing	1,1,00	
CommunicationDouble RS232 + dry contacts + 2 slots for communications interfaceSafety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing		VILA AGIN / GEL, NICU, Supercaps, LHON, Hywheels
Safety complianceIEC EN 62040-1EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing		VICEA AGIM / GEE, NICO, Supercaps, LPION, Hywheels
EMC conformanceIEC EN 62040-2Protection ratingIP20Line-Interactive/Smart Active efficiencyup to 98%Noise60 dBAOperating temperature0 °C/ +40 °CRelative humidity<95% non-condensing	ENVIRONMENTAL	
Protection rating IP20 Line-Interactive/Smart Active efficiency up to 98% Noise 60 dBA Operating temperature 0 °C/ +40 °C Relative humidity <95% non-condensing	ENVIRONMENTAL Color Communication	Dark grey RAL 7016
Line-Interactive/Smart Active efficiency up to 98% Noise 60 dBA Operating temperature 0 °C/ +40 °C Relative humidity <95% non-condensing	ENVIRONMENTAL Color Communication	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface
Noise 60 dBA Operating temperature 0 °C/ +40 °C Relative humidity <95% non-condensing	ENVIRONMENTAL Color Communication Safety compliance	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1
Operating temperature 0 °C/ +40 °C Relative humidity <95% non-condensing	ENVIRONMENTAL Color Communication Safety compliance EMC conformance Protection rating	Dark grey RAL 7016 Double RS232 + dry contacts + 2 slots for communications interface IEC EN 62040-1 IEC EN 62040-2
Relative humidity <95% non-condensing	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%
DATA Weight 256 Kg	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
Weight 256 Kg	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
	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
Dimensions (h w d) 1400 x 555 x 740 mm	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
	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