

Maxi-J I Pro XS TY

(10kVA - 20kVA)

Input: 3 phase / Output: 3 phase

Application:

- IDC (Internet Data Center), ISP, Computer Room, Service Center
- · Prescision instrument, intelligent equipments

Features:

- High efficiency, up to 96%
- High input PF>0.99; Input current THDi<4%
- Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- · Four circuit breakers, providing full protection when fault happens
- Battery cold start
- Battery management with smart charging control, greatly extend the battery life
- Parallel up to 8 units
- Friendly operation interface, high-resolution LCD screen







Maxi-J I Pro XS TY

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Mini Input			 	
Select S		TOKETH TOKET	iski y iski	201114 10111
Rated Input Voltage Rated Frequency So(60Hz So(6			3 Phases + Neutral + Ground	
Rated Frequency So/60Hz Imput Voltage Range 228V-304Vac (Line-Line), full load; 228V-304Vac (Line-Line), full Linear Load) 228V-304Vac (Line-Line) Rated Response 200/208/220VAC (Line-Line) R				
Input Voltage Range				
228V-304Vac (Line-Line), load dicreases linearly according to the min phase voltage Input Frequency Range 40Hz - 70Hz Input Current THD 3-99 Input Current THD 3-99 Input Current THD 3-95 (full Linear Load) Input Current THD		,		
Injust Current THDi	put Voltage Range	, , ,		
Imput Current THDI	put Frequency Range	40Hz ~ 70Hz		
Papers Input	put Power Factor			
Rated Bypass Voltage 200/208/220VAZ (Line-Line) Bypass Voltage Range Selectable, default -20%+15% Bypass Voltage Range Selectable, default -20%+15% Bypass Frequency Range Selectable, 11Hz, 23Hz, 25Hz Bypass Frequency Range Selectable, 11Hz, 23Hz, 25Hz Bypass Overfoad 125%, long time operation 125%, long time operation 125%, long time operation 125%, long time operation 125%, long time operation Switch time (between bypass and inverter) Oms Output Oms Rated Inverter Voltage 380/400/415VAC (Line-Line) Rated Frequency 50/60Hz Output Dower Factor 1 Voltage Precision 1 ± 15%(100% linear load) Transient Response < 5% for step load (20% - 80% - 20%)	put Current THDi	<3% (full Linear Load)		
Rated Bypass Voltage 200/208/220VAZ (Line-Line) Bypass Voltage Range Selectable, default -20%+15% Bypass Voltage Range Selectable, default -20%+15% Bypass Frequency Range Selectable, 11Hz, 23Hz, 25Hz Bypass Frequency Range Selectable, 11Hz, 23Hz, 25Hz Bypass Overfoad 125%, long time operation 125%, long time operation 125%, long time operation 125%, long time operation 125%, long time operation Switch time (between bypass and inverter) Oms Output Oms Rated Inverter Voltage 380/400/415VAC (Line-Line) Rated Frequency 50/60Hz Output Dower Factor 1 Voltage Precision 1 ± 15%(100% linear load) Transient Response < 5% for step load (20% - 80% - 20%)	ypass Input			
Sprass Voltage Range	ated Bypass Voltage		200/208/220VAC (Line-Line)	
Selectable, default-20%-+15% Upper limit-10%, +15%, 20%, 25% Lower limit-10%, +15%, 20%, 20%, 25% Lower limit-10%, -15%, 20%, 30%, 40% Separate limit-10%, -15%, 20%, 30%, 40% Selectable, ±1Hz, 23Hz, 25Hz Separate limit-10%, -15%, 20%, 30%, 40% Selectable, ±1Hz, 23Hz, 25Hz Separate limit-10%, -15%, 20%, 30%, 40% Selectable, ±1Hz, 23Hz, 25Hz Separate limit-10%, -15%, 20%, 30%, 40% Selectable, ±1Hz, 23Hz, 25Hz Separate limit-10%, -15%, 20%, 30%, 40% Selectable, ±1Hz, 23Hz, 25Hz Separate limit-10%, -15%, 20%, 30%, 40% Selectable, ±1Hz, 23Hz, 25Hz Separate limit-10%, -15				
Upper limit. = 10%, +15%, +20%, +20%, +20%, -2		· · · · · · · · · · · · · · · · · · ·		
Bypass Overload 125%, long time operation 125% load c130%, last for more than 10 minutes 130%-load c130%, last for more than 10 minutes 1300% load c130%, last for more than 10 minutes 1300% load c130%, last for more than 10 minutes 1300% load c130%, last for more than 10 minutes 1300% load c130%, last for more than 10 minutes 1300% load c130%, last for more than 10 minutes 1300% load c130%, last for more than 10 minutes 14000% load c130% load c130	, · · · · · · · · · · · · · · · · ·	Upper limit: +10%, +15%, +20%, +25%		
Switch time (between bypass and inverter) Switch (between bypass and inverte	pass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz		
Switch time (between bypass and inverter) Switch (between bypass and inverte	pass Overload	125%, long time operation		
Switch time (between bypass and inverter) Omms Output Rated Inverter Voltage 380/400/415VAC (Line-Line) Rated Frequency 50/60Hz Output Power Factor 1* Voltage precision 11.5%(0-100% linear load) Transient Response 55% for step load (20% - 80% - 20%) Transient recovery 30ms for step load (20% - 100% - 20%) Output Voltage THDu 45% (non-linear load) Synchronized Step Care (10%) 45% (non-linear load) Frequency Regulation 55/60Hz/10, M, (battery mode) Synchronized Stew Rate 55/60Hz/20, M, (battery mode) Synchronized Stew Rate 58ttable, 0.5Hz/5 - 3Hz/s, default 0.5Hz/s Battery And Charger 58ttable, 0.5Hz/5 - 3Hz/s, default 0.5Hz/s Battery And Charger 1240VDC (total 480VDC) Battery And Charger 122, 7/9AH Battery And Charger 122, 7/9AH Battery Type 122, 7/9AH Battery Type 122, 7/9AH Battery Oldage precision 1% Charger Power MAX. 120 pc (40 pcs*3 strings) Charger Power max-20% *Output power	,	125%< load <130%, last for more than 10 minutes 130% <load<150%,last 1="" for="" minutes<="" more="" td="" than=""></load<150%,last>		
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Rated Frequency 50/60Hz Output Power Factor 1* Voltage precision ± 1.5% (-100% linear load) Transient Response <5% for step load (20% - 80% - 20%) Transient recovery < 30ms for step load (20% - 100% - 20%) Output Voltage THDu < 1% linear load; <6% (non-linear load), according to IEC/EN62040-3 Inverter Overload ,5110%, 60min; 110%-125%, 10min; 125%-150%, 10min; 125%-150%, 10min; 125%-150%, 10min; 125w-150%, 10min; 125%-150%, 10min; 125w-150%, 10min; 125%-150%, 10min; 125w-150%, 10min; 10%-125%, 10min; 125w-150%, 10min; 110%-125%, 10min; 125w-150%, 10min; 125%, 10min; 125w-150%, 10min; 125% 15min; 125% <			390/400/445/46/11: 11: 1	
Output Power Factor 1* Voltage precision ±1.5%(0-10% linear load) Transient Response <5% for step load (20% - 80% - 20%) Transient recovery < 30ms for step load (20% - 80% - 20%) Output Voltage THDU <1% linear load; 6% (non-linear load) according to IEC/ENB2040-3 Inverter Overload \$10%, 60min; Frequency Regulation 50/60Hz, 110%, 60min; 5ynchronized Range Settable, 5.5Hz + 55Hz, default ±3Hz 5ynchronized Slew Rate Settable, 0.5Hz/5 - 3Hz/s, default 0.5Hz/s Battery And Charger Settable, 0.5Hz/5 - 3Hz/s, default 0.5Hz/s Battery And Charger \$240VDC (total 480VDC) Battery Type \$12V, 7/9AH Battery Type \$12V, 7/9AH Battery Noltage precision MAX. 120 pcs (40 pcs*3 strings) Charger Power max=20% *0 tupt to power Battery cold start Optional Efficiency Post Normal Operation >95% Battery Operation >95% System LED + LCD Breakers Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breake	-			
Voltage precision ±1.5%(0-100% linear load) Transient Response <5% for step load (20% - 80% - 20%)			·	
Transient Response <5% for step load (20% - 80% - 20%) Transient recovery <30ms for step load (20% - 100% - 20%) Output Voltage THDu	utput Power Factor		1*	
Transient recovery < 30ms for step load (20% - 100% - 20%) Output Voltage THDu	oltage precision	±1.5%(0-100% linear load)		
Output Voltage THDu Selection Selecti	ansient Response	· · · · · · · · · · · · · · · · · · ·		
Inverter Overload Inverter Ove	ansient recovery	< 30ms for step load (20% - 100% -20%)		
Inverter Overload Inverter Ove	utput Voltage THDu		<1% linear load;	
Frequency Regulation 110%~125%, 10min; 1259%-1509%, 1min; 1259%, 1min; 1259%-1509%, 1min; 1259%-1509%, 1min; 1259%-1509%, 1min; 1259%-1509%, 1min; 1259%-1509%, 1min; 1259%-1509%, 1min; 1259%, 1min; 1259%-1509%, 1min; 1259%, 1min; 1259%-1509%, 1min; 1259%, 1min; 1	, ,	<6	% (non-linear load) according to IEC/EN6204	0-3
Frequency Regulation125%~150%,1min;"Frequency Regulation50/60Hz±0.1% (battery mode)Synchronized RangeSettable, ±0.5Hz ~ ±5Hz, default ±3HzSynchronized Slew RateSettable, 0.5Hz/s ~ 3Hz/s, default 0.5Hz/sBattery And ChargerBattery And Evaluge±240VDC (total 480VDC)Battery Type12V, 7/9AHBattery numberMAX. 120 pcs (40 pcs*3 strings)Charger Voltage precision1%Charger Powermax=20% *Output powerBattery cold startOptionalEfficiencyNormal Operation>95%Battery Operation>95%Battery Operation1ED + LCDBreakersInput breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breakerProtection Level IEC60529IP20ColorBLACK, RAL 7021	verter Overload		"<110%, 60min;	
Frequency Regulation 50/60Hz±0.1% (battery mode) Synchronized Range Settable, ±0.5Hz ~ ±5Hz, default ±3Hz Synchronized Slew Rate Settable, 0.5Hz/s ~ 3Hz/s, default 0.5Hz/s Battery And Charger Battery Rate Voltage ±240VDC (total 480VDC) Battery Type 1240 12V, 7/9AH Battery number 1840 12V, 7/9AH Battery Voltage precision 194 Charger Power 1840 12V Battery cold start 0ptional 194 Efficiency Normal Operation 595% Battery Operation 595% Battery Operation 1959ses System Display 1640 1640 1640 1640 1640 1640 1640 1640				
Synchronized Range Settable, ±0.5Hz ~ ±5Hz, default ±3Hz Synchronized Slew Rate Settable, 0.5Hz/5 ~ 3Hz/5, default 0.5Hz/5 Battery And Charger Battery Rate Voltage Battery Type 12V, 7/9AH Battery number MAX. 120 pcs (40 pcs*3 strings) Charger Voltage precision 19% Charger Power Battery cold start Optional Efficiency Normal Operation System Usiplay Battery Operation System Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breaker Protection Level IEC60529 IP20 Color BLACK, RAL 7021				
Synchronized Slew Rate Battery And Charger Battery Rate Voltage	1 7 7			
Battery And Charger Battery Rate Voltage				
Battery Rate Voltage			Settable, 0.5Hz/5 ~ 3Hz/s, default 0.5Hz/s	
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Battery Operation >95% System Display LED + LCD Breakers Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breaker Protection Level IEC60529 IP20 Color BLACK, RAL 7021	ficiency			
System Display LED + LCD Breakers Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breaker Protection Level IEC60529 IP20 Color BLACK, RAL 7021	ormal Operation		>95%	
System Display LED + LCD Breakers Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breaker Protection Level IEC60529 IP20 Color BLACK, RAL 7021			>95%	
Display LED + LCD Breakers Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breaker Protection Level IEC60529 IP20 Color BLACK, RAL 7021				
Breakers Input breaker, Bypass breaker, Maintenance breaker, Output breaker, Battery breaker Protection Level IEC60529 IP20 Color BLACK, RAL 7021			LED + I CD	
Protection Level IEC60529 IP20 Color BLACK, RAL 7021		Input breaker Puna		aker Battery breaker
Color BLACK, RAL 7021		iliput breaker, bypas		and, battery breaker
Standard:KS33_RS485_USB Dry contact(Programmable)	JUI			kl- \
		Stand		nable)
Interface Standard: RS232, RS485 Option: SNMP, Dry Contact, Parallel kit, Battery cold start	terface		Option: SNMP, Dry Contact, Parallel kit,	
Environmental	nvironmental		·	
Operation Temperature 0 ~ 40 °C			0 ~ 40 °C	
Storage Temperature -40 ~ 70 °C				
<u> </u>		0 ~ 95% (Non-condensing)		
	,	, 3/		
		≤1000, load de-rated 1% per 100m from 1000m to 2000m		
	` ,	58dB @ 100% load, 55dB @ 45% load		
Applicable Standards Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3 Physical data		Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3		
Physical data		380*840*1400		
			36U"64U" 14UU	
Weight (kg)	eignt (kg)			

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