



AdPoS

Advanced Power Systems

AdPoS Maxi-J I Pro

(10 - 40 kVA)

3ph/3ph



10 kVA



20 kVA



40 kVA




...principle safety

Maxi-J I Pro

Model	Maxi-J I 10 XL	Maxi-J I 10 XS	Maxi-J I 15 XL	Maxi-J I 15 XS	Maxi-J I 20 XL	Maxi-J I 20 XS	Maxi-J I 30 XL	Maxi-J I 30 XS	Maxi-J I 40 XL	Maxi-J I 40 XS	
Main Input											
Grid System	3 Phases + Neutral + Ground										
Rated Input Voltage	380/400/415VAC (Line-Line)										
Rated Frequency	50/60Hz										
Input Voltage Range	304~478Vac (Line-Line), full load; 228V~304Vac (Line-Line), load decreases linearly according to the min phase voltage										
Input Frequency Range	40Hz ~ 70Hz										
Input Power Factor	>0.99										
Input Current THDi	<4% (full Linear Load)					<3% (full Linear Load)					
Bypass Input											
Rated Bypass Voltage	380/400/415VAC (Line-Line)										
Rated Frequency	50/60Hz										
Bypass Voltage Range	Selectable, default -20% +15%; Upper limit: +10%, +15%, +20%, +25%; Lower limit: -10%, -15%, -20%, -30%, -40%										
Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz										
Bypass Overload	125% Long term operation; 125%~130% for 10min; 130%~150% for 1min;										
Output											
Rated Inverter Voltage	380/400/415VAC (Line-Line)										
Rated Frequency	50/60Hz										
Output Power Factor	1					0,9					
Voltage precision	±1.5% (0-100% 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); <5.5% (non-linear load) according to IEC/EN62040-3					<1% linear load; <6 (non-linear load) according to IEC/EN62040-3					
Inverter Overload	<110%, 60min; 110%~125%, 10min; 125%~150%, 1min;										
Frequency Regulation	50/60Hz±0.1%										
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										
Charger Voltage precision	1%										
Charger Power	max=20% System Power										
Efficiency											
Normal Operation	95%max					>95%					>96%
Battery Operation	94.5%max					>95%					>96%
System											
Display	LED + LCD										
Interface	Standard: RS232, RS485 Option: SNMP, Dry Contact, Parallel kit, Battery cold start										
Engineer standards	CE IEC 62040-1 , -2. IEC 62040-3										
Environmental											
Operation Temperature	0 ~ 40 °C										
Storage Temperature	-40 ~ 70 °C										
Relative Humidity	0 ~ 95% (Non condensing)										
Noise (1 meter)	58dB @ 100% load, 52dB @ 45% load					65dB @ 100% load, 62dB @ 45% load					
Physical data											
Dimension in mm (W*D*H)	250 * 660 * 530	250 * 840 * 715	250 * 660 * 530	250 * 840 * 715	250 * 680 * 770	350 * 738 * 1335	250 * 680 * 770	350 * 738 * 1335	250 * 836 * 770	500 * 840 * 1400	
Weigh(Kg)	31	51.5 (without battery)	31	51.5 (without battery)	50	89 (without battery)	52	89 (without battery)	61	140	

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