



AdPS

Advanced Power Systems

Maxi-J D (20 - 120 kVA)

The Maxi-J D series is the next generation UPS featuring high efficiency, a hot-swappable modular structure and N+X redundancy. With its industry leading 94% high efficiency, the Maxi-J D series delivers remarkably low total cost of ownership in terms of both capital expense and operation expense.

With N+X module and system redundancy to guarantee reliability and availability, the Maxi-J D series sets a new milestone for UPS protection in mission critical applications.

Availability

- Available from 20 to 480kVA (4 units x 120kVA in parallel).
- Redundancy at module and system level.
- Hot-swappable function ensures uninterrupted operations during maintenance.
- Redundant auxiliary power and control circuit ensures higher reliability.
- Built-in maintenance and static bypass switch.

Lowest Total Cost Of Ownership

- High input power factor (pf > 0.99) and low harmonic distortion (iTHD < 3%). Savings in installation costs.
- Energy savings with maximum 94% high efficiency for lower operation costs.
- Compatible with generator installation.

Flexibility

- Modular design provides easy maintenance and scalability.
- Multi-language LCD display.
- Two smart slots and six programmable dry contact outputs.
- Optional extended battery cabinet for longer backup time.



Scalable And Hot-swappable



...principle safety

Maxi-J D

Model	20	40	60	80	100	120		
Power Rating - kVA	20	40	60	80	100	120		
Power Rating - kW	18	36	54	72	90	108		
Input								
Rating Voltage	V	380/220 , 400/230 , 415/240 (3 phase, 4-wire plus ground)						
Voltage Range	V	208-477(line-line) / 120-276 (line-neutral) *						
Input Current Harmonic	%	< 3 (full load)						
Power Factor		> 0.99						
Frequency	Hz	50 or 60 ± 5						
Output								
Voltage	V	380/220 , 400/230 , 415/240 (3 phase, 4 -wire plus ground)						
Voltage Harmonic	%	< 3 (linear load)						
Voltage Regulation	%	± 1 (static)						
Frequency	Hz	50 or 60						
Frequency Regulation	Hz	± 0.05 (interior oscillator) ± 5 (synchronized, adjustable in steps of 0.1Hz)						
Overload		≤125% : 10 minutes ; ≤150% : 1 minute						
Display								
LED		UPS status : Normal, Bypass, Backup, Fault						
LCD (Multi - Language)		Input/Output, Bypass, Inverter, Frequency, Loading and battery voltage, Current, UPS abnormal message and intelligent self diagnosis						
Interface								
Standard		RS232 x 1, Smart Slot x 2, Dry contact output x 6, Contact input x 2, Parallel port x 1, Battery cabinet temperature x 4						
Optional Accessories		SNMP card, Modbus card, Relay I/O control card, EnviroProbe, SNMP+ 5 ports hub, Battery cabinet temperature sensor, Battery cabinet temperature kit (For Delta battery cabinet), Battery cabinet status cable						
Conformance								
Safety & EMC		CE, NEMKO EN62040-1-2, EN62040-2 (Class A) IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, EN 62040-3-VFI-SS-111						
Others								
Parallel Redundancy And Expansion		Module and system redundancy; Maximum 4 cabinets in parallel up to 480kVA						
Emergency Power Off		Local and remote						
SRAM Event Log		500 Records						
Battery-Start & AC-Start		Yes						
Overall								
Efficiency	Normal	%	94					
	ECO Mode	%	97					
Temperature		°C	0-40					
Relative Humidity		%	90 (non condensing)					
Noise (at one meter)		dBA	65	68	70	70	72	73
Dimension (WxDxH)	UPS	mm	520 x 910 x 1165			520x975x1695		
	EBC**		520x850x1165 (26Ahx40pcs)			520x975x1695 (40Ahx40pcs)		
Weight		Kg	170	200	230	260	350	380

* Lower range 208-300 / 120-173Vac is acceptable under 70-100% loading conditions.

** EBC: External battery cabinet.

All specifications are subject to change without prior notice.



Mimic LCD Display



20-80kVA + Battery Cabinet



100-120kVA + Battery Cabinet

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