



UNI Jet

ИБП Makelsan PowerPack Мемо F9 - брошюра на продукцию. Юниджет

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Powerpack MEMO F9 Series

ONLINE UPS
6-10kVA
Single Phase / Single Phase

Computer Room, Network Center,
Communication System,
Automation Control System and
Other Critical Systems



- N +1 Parallel Redundancy
- Online Double Conversion with DSP Control
- Input Current Harmonic: <3%
- Optimization Battery Group, the Quantity of Battery: 16/18/20 Pieces (Optional)
- High Output Power Factor at 0.9 PF
- Wide Input Voltage Range:120-276Vac
- Wide Input Frequency Range (50Hz: 45-55Hz / 60Hz: 54-66Hz)
- Support Generator Input
- Support Economic (ECO) Operation Mode
- Self-Testing When UPS Startup
- Options: SNMP Card / Relay Card / Parallel Card
- Cold Start

- 1 Intelligent Slot
- 2 Dry Contact
- 3 USB Port
- 4 EPO (Emergency Power Off)
- 5 Parallel Port
- 6 Input Switch
- 7 Terminal Block
- 8 Maintenance Switch



5kVA • 10kVA

MODEL		
Capacity	6kVA / 5400W	10kVA / 9000W
INPUT		
Nominal Voltage	220 / 230 / 240VAC	
Operating Voltage Range	120-276Vac	
Operating Frequency Range	50Hz: 45-55Hz; 60Hz:54-66Hz (Auto Sensing)	
Power Factor	≥0.99	
Bypass Voltage Range	Max. Voltage: 220V:+25% (Optional +10%, +15%, +20%)	
	230V: +20% (Optional +10%, +15%)	
	240V: +15% (Optional +10%)	
	Min. Voltage: -45% (Optional -20%, -30%)	
ECO Range	Same as the Bypass	
Harmonic Distortion (THD)	<3% (100% Linear Load)	
Generator Input	Support	
OUTPUT		
Rated Voltage	220 / 230 / 240VAC	
Power Factor	0.9	
Voltage Regulation	±1%	
Frequency	Line Mode	±1%, ±2%, ±4%, ±5%, ±10% of the rated frequency (optional)
	Bat. Mode	50/60 (±0.1) Hz
Crest Factor	3:1	
Harmonic Distortion (THD)	≤2% with linear load	
	≤5% with non-linear load	
Efficiency	>93.5%	
BATTERY		
Battery Voltage	±96/108/120Vdc (Optional)	
Capacity (Standard Unit)	12V/7Ah/9Ah	
Typical Charge Time	6-8 hours (to 90% of full capacity)	
Charge Current	1A (Standard unit); Long run unit Max. current 10A (charge current can be set according to battery capacity installed)	
SYSTEM FEATURES		
Transfer Time	Mains to Battery: 0ms; Mains to Bypass: 0ms	
Overload	Line Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150%: turn to bypass mode immediately
	Bypass Mode	40A (Breaker) 60A (Breaker)
Short Circuit	Hold Whole System	
Overheat	Line Mode: Turn to Bypass; Backup Mode: Shut down UPS immediately	
Low Battery Voltage	Alarm and Switch off	
Self-Diagnostics	Upon Power On and Software Control	
Battery	Advanced Battery Management	
Audible & Visual Alarms	Line Failure, Battery Low, Overload, System Fault	
LED & LCD Display	Line Mode, Bat. Mode, ECO Mode, Bypass Mode, Battery Low, Overload & UPS Fault	
LCD Display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time	
Communication Interface	RS232, USB, SNMP card (Optional), Parallel card (Optional), Relay card (Optional)	
ENVIRONMENT		
Operating Temperature	0°C ~40°C	
Storage Temperature	-25°C ~55°C	
Humidity Range	0-95% (non-condensing)	
Altitude	< 1500m	
Noise Level	≤55dB (1m)	
PHYSICAL		
Dimension (WxDxH) (mm)	250 x 502 x 616	
Net Weight (kg)	62 / 18	64 / 20
STANDARDS		
Safety	IEC / EN62040-1, IEC / EN60950-1	
EMC	IEC / EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8,	
BATTERY BANK		
Model	MEMO F9-BT Series	
Battery Type & Max. Quantity	2 x 20pcs / 7Ah / (9Ah)	
PHYSICAL OF BATTERY BANK		
Dimension (WxDxH) (mm)	597 x 250 x 616	
Net Weight (kg)	122 / 134	

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