

MARS II RT 3/1

POWERFUL, ROBUST, RELIABLE

10000VA ~ 20000VA

On the market since many years, Mars II RT combines reliability and robustness to high power and great installation flexibility.



PERFECT FOR:



Servers racks



Big IT loads



Small server rooms

FEATURES



- On-line protection with 0,9 power factor
- LCD display
- Dual input (only for Mars II 20k version)
- Full rated bypass line with single phase output
- Multiple operation modes to maximize energy efficiency
- Parallelable up to 4 units, for enhanced redundancy
- RS232, USB connection and comm. slot
- Emergency Power Off (EPO)
- Coordinated external battery cabinets
- Cold start, to turn on the load in battery mode
- Manually activated extra service check

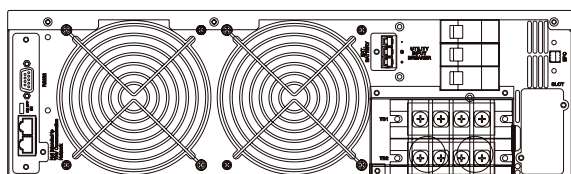
OPTIONS



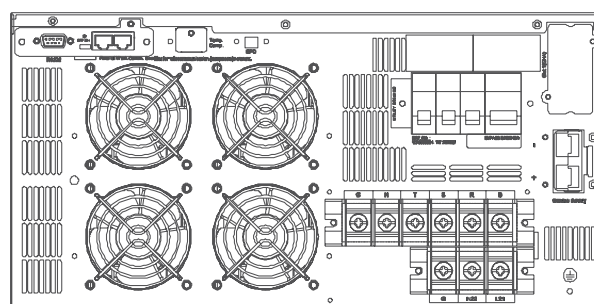
- Parallel kit
- External manual bypass
- RS232, RS485, SNMP, dry contacts boards

BACK PANEL

MSII10000 RT 3/1



MSII15000-20000 RT 3/1



SPECIFICATIONS

MODEL		MSII10000 RT 3/1		MSII15000 RT 3/1		MSII20000 RT 3/1		
INPUT	Voltage*	190-485VAC						
	Frequency*	45-65Hz			45~70Hz			
	Phase	Three Phase + Neutral						
	Power Factor	Up to 0.99 @ Linear load						
OUTPUT	Voltage*	200/208/220/230/240 Vac, selectable						
	Capacity	10000VA/9000W			15000VA/13500W		20000VA/18000W	
	Frequency (Battery Mode)	±1Hz or ±3Hz (Selectable)						
	Current Crest Ratio	3:1						
	Harmonic Distortion	<3% at Linear load						
	Output Waveform	Pure Sinewave						
	Efficiency	Up to 93%						
	Efficiency ECO Mode	Up to 95%						
	DC Start	Yes						
PHYSICAL	Dimensions (WxHxD, mm)	440x132x680			440x220x720			
	Net Weight (kg)	28			36			
EXTERNAL BATTERY CABINET	Number	20pcs						
	Type	Sealed maintenance free lead acid						
	Capacity	12V/9AH						
	Rated battery voltage	240Vdc						
	Recharge Time (to 90%)	6 hours						
	Code	C20X3U00 (plus extra cable)			C20V3U00			
	Dimension (WxHxD, mm)	440x132x685			440x132x680			
DISPLAY	Status on LED + LCD	Line mode, backup mode, ECO mode, bypass supply, battery low, battery bad/disconnect, overload UPS fault						
	Readings on LCD	Input voltage, input frequency, output voltage, output frequency, load percentage, battery voltage & inner temperature						
	Self-Diagnostics	Upon power-on, LCD setting & software control, 24-hour routine checking						
ALARM	Audible or Visual	Line failure/Battery low/Transfer to bypass/System fault						
PROTECTION	Full Protection	Overload, Over temperature, short circuit, overcharge						
FUNCTIONS	Multi-Mode	Normal/ECO/Frequency converter						
	DC start	Yes						
	Parallel capacity	Up to 4 units						
	Parallel redundancy	3+1						
ENVIRONMENT	Operation Temperature	0~40°C						
	Operation Humidity	95% (without condensing)						
	Altitude	1000m without derating						
	Noise Level	<50dBA @ 1 meter			<60dBA @ 1 meter			
INTERFACE	Standard	RS232, USB, EPO, comm. slot						
	Communication slots	RS232, USB, RS485, Dry contact card, SNMP/Web card						
	Compatible platforms	Microsoft Windows series, Linux, Mac						
STANDARDS & CERTIFICATIONS	Safety & EMC	IEC EN 62040-1, IEC EN 62040-2						
	Performance	IEC EN 62040-3						
	Marks	CE						

Specifications subject to change without notice

* Based on model and/or load percentage