

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

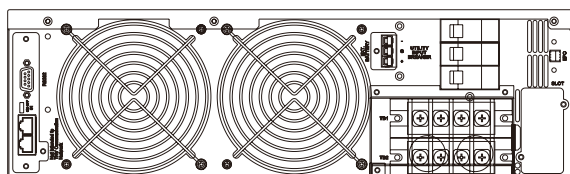
OPTIONS



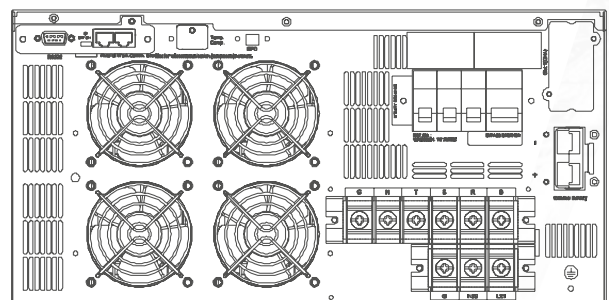
- Parallel kit
- External manual bypass
- RS232, RS485, SNMP, dry contacts boards

BACK PANEL

Mars II RT 10000VA



Mars II RT 15000-20000VA



SPECIFICATIONS

MODEL		MARS II RT 10000	MARS II RT 15000	MARS II RT 20000
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		
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	C20X3U07 (plus extra cable)	C20V3U00	
	Dimension (WxHxD, mm)	440x132x680	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		
PHYSICAL	Dimensions (WxHxD, mm)	440x132x680	440x220x720	
	Net Weight (kg)	28	36	
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