

MSII-Plus RT Series Redundancy On-Line UPS

The MSII-Plus RT series On-line double conversion UPS with full-time Digital Signal Processor control technology is the perfect solution for mission critical user who demand high reliability, availability and performance from a UPS. Input power factor correction, high efficiency and parallel redundant capability provide a superior level of power quality for sensitive electronic equipment and computer loads.

- Output Power Factor 1
- Rack/Tower Convertible Design
- Simple Parallel Installation
- Full-time Digital Signal Processor Control
- Programmable Frequency Converter
- LCD/LED Mimic Panel
- Smart ECO Mode
- Simple and Easy to Use
- Power Range and runtime Scalability
- Optional Galvanic Isolation Transformer
- Hot Swappable Battery



MS-II Plus RT Parallel Redundancy On-Line UPS

MODEL	MSII-Plus RT4.5K		MSII-Plus RT6K	MSII-Plus RT8K	MSII-Plus RT10K	
Input	Phase		Single + G			
	Voltage**		110Vac~280Vac			
	Frequency		45~70Hz (Auto Sensing)			
	Current Harmonic		≤3%			
	Power Factor		≥0.99 @ Full Load			
Output	Capacity		4500VA/4500W	6000VA/6000W	8000VA/8000W	10000VA/10000W
	Voltage		200/208/220/230/240Vac (208/120Vac option)			
	Power Factor***		1			
	Harmonic Distortion		≤1% @ 100% Linear load			
			≤3% @ 100% non-linear load with PF=0.9			
	Voltage Regulation		±1%			
	Frequency (Synchronized Range)		±1Hz or ±3Hz (Selectable)			
	Crest Factor		3:1			
	Waveform		Pure Sine Wave			
	Efficiency	Line Mode		93%		94%
High Efficiency Mode		98%				
Battery	Number of Battery		12/14/16 (Standard) 12/13/14/15/16 (Option)		16/18/20 (Standard) 16/17/18/19/20 (Option)	
	Battery Type		Sealed Lead Acid Maintenance			
	Recharge Time (to 90%)		4 hours			
	Charger		2-mode, 2.1A(max.), Temperature compensation(Option)			
Display	Status On LED + LCD		Line Mode, Backup Mode, ECO Mode, Bypass Supply, Battery Low, Battery Bad /Disconnect, Overload, and Transferring with interruption & UPS Fault			
	Readings On LCD		Input Voltage, Input Frequency, Output Voltage, Output Current, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature			
	Self-Diagnostics		Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check			
Alarm	Audible or Visual		Line Failure / Battery Low / Transfer to Bypass / System Fault			
Protection	Full Protection		Overload, Over temperature, Short circuit, Discharge, overcharge			
Function	Multi-Mode		Normal/ ECO/ CVCF			
	DC start		Yes			
	Parallel capacity		up to 4 units			
	Parallel redundancy		3+1			
Physical	Tower Model	Dimensions (WxHxD, mm)	290x788x645			
		Net Weight (kgs)	86		96/215	
	RT Model	Dimensions (WxHxD, mm/inch)	440x88x660 / 17.3x5.5x26.0		440x132x660 / 17.3x5.5x26.0	
		Net Weight (kgs/lbs)	24/52.9		45/99.2	
Environmental	Operation Temperature		0- 40℃			
	Operation Humidity		0-95 % (Without condensing)			
	Altitude		1000m/3300ft without Derating			
	Noise Level		≤55dBA @ 1 Meter		≤60dBA @ 1 Meter	
Interface	Standard		USB, EPO			
	Option		2nd RS232, USB, RS485, Dry Contact Relay, SNMP/WEB Card			
	Compatible Platforms		Microsoft Windows series, Linux, Mac, etc.			
Standards and Certifications ****	Safety		EN62040-1, UL1778			
	EMC		EN62040-2, EN61000-3-2, EN61000-3-3, FCC Class A			
	Marks		CE, UL, cUL, FCC			

* Specifications subject to change without notice, and the final explanation rights are reserved by AblereX

** Depending on load percentage

*** Depending on battery application

**** Depending on the model and voltage, more information please contact with AblereX

