

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



MSII-Plus RT Parallel Redundancy On-Line UPS

MODEL			MSII-Plus 4500RT		MSII-Plus 6000RT		MSII-Plus 8000RT		MSII-Plus 10000RT	
Input	Phase		Single + G							
	Voltage**		110Vac~285Vac							
	Frequency		40~70Hz (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 (Online / Backup Mode)		50Hz (+/- 0.1Hz)							
	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			
	RT Model	Dimensions (WxHxD, mm)	440x88x660				440x132x660			
		Net Weight (kgs)	24				45			
Environmental	Operation Temperature		0- 40°C							
	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

