

# OTL-RM PRO SERIES



## Online UPS Rack Mount High frequency 6KVA to 10KVA (Single Phase in and Single phase out)

### **OTL-RM Pro Series: High reliability in critical server environments**

OSME's OTL-RM Pro series models are uninterruptible power supplies with unrivaled electrical protection features for critical server environments. Their dual tower/rack format offers physical adaptability to any site and, together with the built-in PDU strip, provides maximum ease of connection of the loads to be protected.

For applications that require extended backup, additional battery modules and/or solutions with extra chargers can be installed. For applications that require redundant protection or increase the need for power, there is the option of connecting up to 3 devices in parallel.

Numerous environments can be protected by OSME's OTL-RM Pro series UPSs, such as virtualized or non-virtualized server systems, voice and data networks, ERP systems, CRM solutions, document management, etc., all of whose operability depends on the reliability of the electrical supply that powers them.

## General Features

- On-line double-conversion technology.
- Digital microprocessor control optimizes reliability.
  - Output power factor PF=0.9
  - Convertible tower/rack format.
- N+X parallel redundancy, support maximum 3 units in parallel.
  - Input power factor correction.
  - UPS starts up without battery.
    - Cold start function.
    - ECO mode operation.
  - Control panel with LCD screen and keypad.
- Backup extensions are available for all power ratings.
- Smart charger design for optimized battery performance.
- Optimization battery group, the quantity of battery: 16/20pcs (Settable).
- Maximum charging current can be expanded to 12A (Long run unit).
  - Emergency power off function (EPO).
- Multiple communication interfaces: RS232 (USB/EPO/Relay card/SNMP card optional).

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**OSME**

# Technical Specifications

MODEL		OTL-RMPro 6000B / OTL-RMPro 6000EB	OTL-RMPro 10000B / OTL-RMPro 10000EB
RATED POWER		6KVA / 5.4KW	10KVA / 9KW
TECHNOLOGY		On-line double conversion, DSP control	
INPUT	Rated voltage	Single-phase Three wire (1 $\phi$ +N+PE) 220 / 230 / 240VAC	
	Voltage range	165 ~ 275 VAC	
	Rated frequency	50 / 60 Hz (45-65Hz)	
	Power factor	> 0.99	
OUTPUT	Rated voltage	Single-phase Three wire (1 $\phi$ +N+PE) 208 / 220 / 230 / 240VAC	
	Voltage accuracy	$\pm$ 1%	
	Power factor	0.9	
	THDv (linear load)	<3%	
	Frequency	50 / 60 Hz ( $\pm$ 0.1% in battery mode)	
	On-line performance	Up to 93.5%	
	Waveform	Pure Sinewave	
	Crest factor	3:1	
	Overload	>125% for 1 min. / >150% for 200 ms	
BATTERY	Battery type	LiFePO4 and Lead acid, sealed, maintenance free	
	Rated voltage	192 VDC / 240 VDC (Settable)	
	Charging voltage	192.2 VDC / 274 VDC	
	Charging current (Standard)	1A	
	Charging current (Long)	10A (Max.)	
SYSTEM	Transfer time	0 ms (line mode $\rightarrow$ battery mode)	
	Communication interface	RS232 port (Standard), USB, SNMP, dry contacts, and RS485 (Optional)	
GENERAL	Operating temperature	0°C ~ +40°C	
	Relative humidity	Up to 95%, non-condensing	
	Maximum operating altitude	< 1500 m	
	Acoustic noise at 1 meter	< 55 dB	
STANDARD	Safety	EN-IEC 62040-1	
	Electromagnetic compatibility	EN-62040-2	
	Operation	VFI-SS-11 (EN-62040-3)	
	Corporate certification	ISO 9001, ISO 14001, ISO 45001	
PHYSICAL	Dimensions (L x W x H) mm	440 x 625 x 86.5	
	Weight (kg)	16	18

\*information subject to change without prior notice