

OTL SERIES



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

OTL series is a UPS range in a tower format equipped with on-line double-conversion technology and the latest features to make it an advanced protection system for sensitive and critical loads. High output power factor (PF=0.9) to ensure availability to all types of loads.

Performance

- On-line double-conversion technology.
- Digital microprocessor control optimizes reliability.
 - Output power factor PF=0.9
 - Input power factor correction
 - UPS starts up without battery
 - Cold start function
 - ECO mode operation
 - Control panel with LCD screen and keypad.
 - Tower format.
- Backup extensions are available for all power ratings.
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and over discharge, output low voltage and fan fault alarm.

Osmium Tech Co., Ltd.

Headquarter: Old Madison Pike, Huntsville, AL 35806, United States

Europe Office: Calle Isaac Newton, Planta, 41092 Sevilla, ESPAÑA

www.osme-usa.com

OSME

Technical Specifications

MODEL		OTL-6000B / OTL-6000EB	OTL-10000B / OTL-10000EB
RATED POWER		6KVA / 5.4KW	10KVA / 9KW
TECHNOLOGY		On-line double conversion, DSP control	
INPUT	Rated voltage	Single-phase Three wire (1 ϕ +N+PE) 220 / 230 / 240VAC	
	Voltage range	175 ~ 275 VAC	
	Rated frequency	50 / 60 Hz (45-65Hz)	
	Power factor	> 0.99	
OUTPUT	Rated voltage	Single-phase Three wire (1 ϕ +N+PE) 220 / 230 / 240VAC	
	Voltage accuracy	± 1%	
	Power factor	0.9	
	THDv (linear load)	<2%	
	Frequency	50 / 60 Hz (± 0.1% in battery mode)	
	On-line performance	93.5%	
	Waveform	Pure Sinusoidal	
	Crest factor	3:1	
	Overload	>125% for 5 min. / >130% turn to bypass mode immediately	
	BATTERY	Battery type	Lead acid, sealed, maintenance free
	Rated voltage	240 VDC (20*12V 7.5AH), 16/18 pcs settable	
	Charging voltage	270 VDC	
	Charging current (Standard)	1A	
	Charging current (Long)	8A (Charging current can be set according to battery capacity)	
SYSTEM	Transfer time	0 ms (line mode → 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	Standard	Dimensions (L x W x H) mm	190 x 460 x 720
		Weight (kg)	68
	Long	Dimensions (L x W x H) mm	190 x 460 x 330
		Weight (kg)	12
			71
			13

*information subject to change without prior notice