

RTODC Li Series

OGER



3 kinds of LCD can be selected



Colourful LCD



Gray LCD



Blue LCD



Battery cabinet
(Optional)



Optimized battery configuration
7Ah/9Ah (12V)

Features:

- Rack/Tower convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit-Optional)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start function
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/Relay card/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- PDU with maintenance bypass switch (Optional)



ON LINE



Tower/Rack



DATA CENTRE



SOHO



E-MEDICAL



INDUSTRY



TRANSPORT



EMERGENCY

RTODC Li Series

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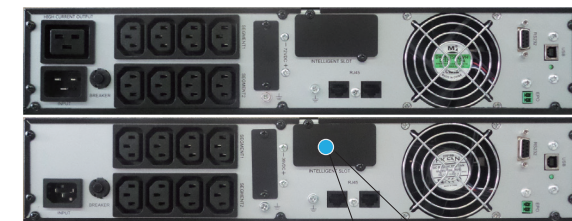
Model	RTODC Li 1k S				RTODC Li 1.5k S			RTODC Li 2k S			RTODC Li 3k S	
Capacity	1000VA/900W				2000VA/1800W				3000VA/2700W			
INPUT												
Nominal voltage208/220/230/240Vac												
Input voltage range110~300Vac (176~264Vac @ 100% load)												
Power factor≥0.99												
FREQUENCY												
Frequency range40~70Hz (50/60Hz Auto-Sensing)												
OUTPUT												
Output voltage208/220/230/240Vac												
Voltage regulation±1%												
Power factor0.9												
Output frequency	46~54Hz or 56~64Hz											
	(50/60±0.1%)Hz											
Crest factor3:1												
Harmonic distortion (THDv) ≤3% Linear load ≤5% Non linear load												
Transfer time	0ms											
	4ms (Typical)											
Output waveformPure Sinewave												
EFFICIENCY												
AC mode90.9%92%92.3%												
BATTERY												
Battery number23234646686												
Capacity (Standard unit)9Ah/12V (7Ah/12V optional)												
Typical recharging time4 hours (To 90% of full capacity)												
Charging voltage27.4Vdc±1%41.1Vdc±1%27.4Vdc±1%41.1Vdc±1%54.8Vdc±1%82.2Vdc±1%54.8Vdc±1%82.2Vdc±1%82.2Vdc±1%109.6Vdc±1%82.2Vdc±1%												
Charging current (Max.)6A1.4A6A1.4A6A1.4A												
INDICATORS												
LED displayLine mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault												
LCD displayInput voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time												
ALARM												
Battery modeBeeping every 4 seconds												
Battery lowBeeping every second												
OverloadBeeping twice every second												
FaultContinuously beeping												
PHYSICAL												
Dimension W×D×H440×325×86.5mm440×460×86.5mm440×600×86.5mm440×460×86.5mm440×600×86.5mm												
Net weight5.6kg11.3kg14kg10.5kg19.5kg25kg11kg26kg												
ENVIRONMENT												
Operating temperature0℃~40℃												
Storage temperature-25℃~55℃												
Humidity range20~95%RH @ 0~40℃ (Non condensing)												
Altitude<1500m, derating required when>1500m												
Noise level<50dB at 1 Meter												
STANDARDS												
SafetyIEC/EN 62040-1, IEC/EN 62477-1												
EMCIEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)												

1. When output voltage is 208Vac, need to derate to 80% of the unit capacity
2. Specifications are subject to change without prior notice
3. Data above are typical values for reference only, not as a basis for engineering design

OBR Battery Pack Specification

	Rack Cabinet				
Model	OBR4024E-B	OBR06036E-B	OBR08048E-B	OBR12072E-B	OBR08096E-B
BATTERY SYSTEM					
Battery type	VRLA (Lead acid maintenance free battery)				
Typical battery recharging time	6~8 hours (To 90% of full capacity)				
Typical battery life	3~5 years, depend on discharging cycle and ambient temperature				
System voltage	24Vdc	36Vdc	48Vdc	72Vdc	96Vdc
Charging current (Max.)	1.4A				
Battery quantity	4	6	8	12	8
Capacity	9Ah/12V (7Ah/12V optional)				
PHYSICAL					
Dimension W×D×H	440×430×86.5mm		440×550×86.5mm	440×710×86.5mm	440×550×86.5mm
Net weight	17.4kg	22.5kg	31.5kg	44kg	31.5kg
ENVIRONMENT					
Safety	CE				
Operating environment	0°C~40°C				
Relative humidity	0~95% (Non condensing)				
Noise level	<40dB at 1 Meter				

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3. Remark: RC08048E; "RC" means Rack Cabinet; "08" means battery number inside the Rack; "048" means the battery system voltage; "E" means the Rack coming with charger



Optional socket



Relay card



SNMP



Multifunctional bracket



The LCD panel can be rotated