



# UPS ESOL RTH-L

CON BATERÍAS INTERNAS DE **ION-LITIO**

- Online / Doble conversión
- Monofásica (1:1)
- Factor de potencia: 1 |
- 

VENTAJAS BATERÍAS DE **ION LITIO**:

<b>3</b> veces + útil que baterías comunes	HASTA <b>60°C</b> mayor rango de operación	HASTA <b>9</b> Minutos de autonomía
--	--	-------------------------------------



TELECOM



DATA CENTER



EQUIPOS MÉDICOS



SERVIDORES



MINERÍA



SEGURIDAD



- Eficiencia AC/AC sobre **93.0% ahorro** de energía disminuyendo el costo de operación.
- Factor de **potencia 1.0** entregando la mayor potencia real a sus cargas.
- Baterías **hasta 40%** más livianas facilitando el traslado.
- Diseño compacto que **ahorra espacio**.

## ESPECIFICACIONES TÉCNICAS

MODEL	ESOL RTH-L 1kVA	ESOL RTH-L 2kVA	ESOL RTH-L 3kVA
Capacity	1000VA/1000W	2000VA/2000W	3000VA/3000W
SKU	UPSESOLRTHL1KVA	UPSESOLRTHL2KVA	UPSESOLRTHL3KVA
<b>INPUT</b>			
Nominal voltage	208/220/230/240 Vac		
Input voltage range	110~300Vac (176~264Vac @ 100% load)		
Power factor	≥0.99		
<b>FREQUENCY</b>			
Frequency range	40-70 Hz (50/60 Hz Auto-Sensing)		
<b>OUTPUT</b>			
Output voltage	208/220/230/240Vac		
Voltage regulation	±1%		
Power factor	1.0		
Output frequency	46~54Hz or 56~64Hz		
Line mode	(50/60±0.1%)Hz		
Bat. mode			
Crest factor	3:1		
Harmonic distortion (THDv)	≤3% Linear load ≤5% Non linear load		
Transfer time	0ms		
AC mode to Bat.mode	4ms (Typical)		
Inverter to Bypass			
Output waveform	Pure Sinewave		
<b>EFFICIENCY</b>			
AC mode	90.5%	92%	92%
ECO mode	95%	96%	96.5%
<b>BATTERY</b>			
Battery type	LiFePO <sub>4</sub>		
Backup time (Full load)	9 mins	9 mins	9 mins
Battery voltage	25.6Vdc	76.8Vdc	76.8Vdc
Charge current (Max.)	2A		
<b>INDICATORS</b>			
LED/LCD display	Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault		
<b>ALARM</b>			
Battery mode	Beeping every 4 seconds		
Battery low	Beeping every second		
Overload	Beeping twice every second		
Fault	Continously beeping		
<b>PHYSICAL</b>			
Dimension W×D×H	440×325×86.5mm	440×500×86.5mm	440×640×86.5 mm
Net weight	10kg	16.5kg	23kg
<b>ENVIRONMENT</b>			
Operating temperature	0°C~40°C		
Storage temperature	-25°C~55°C		
Humidity range	0~95%RH (Non condensing)		
Altitude	0-3000m (1000-3000 derating required)		
Noise level	<50dB	<55dB	
<b>STANDARDS</b>			
Safety	IEC/EN 62040-1, IEC/EN 62477-1, IEC 62133 (Cell), IEC 62619 (Pack)		
EMC	IEC/EN 62040-2		
Transportation	UN38.3		

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



UPS



ESTABILIZADORES



SERVICIOS



BATERÍAS



DATACENTER