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A brand of legrand



UPS ESOL RTH-L

COMPATIBLE CON BATERÍAS **ION-LITIO** y **VRLA**

- Online / Doble conversión
- (1:1)
- Factor de potencia: 1
- Configurable baterías Litio y VRLA

VENTAJAS BATERÍAS DE **ION LITIO**
BatteryPack **BPRTHCPROLI192V**

3 veces + útil que baterías comunes	HASTA **60°c** mayor rango de operación	HASTA **9** Minutos de autonomía

TELECOM · **DATA CENTER** · **EQUIPOS MÉDICOS** · **SERVIDORES** · **MINERÍA** · **SEGURIDAD**

Energía amigable con el medio ambiente
Batería Li-ion

- 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**.

LÍNEA **UPS LITIO**

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Línea **UPS LITIO**

ESPECIFICACIONES **TÉCNICAS**

Modelo	RTH-L 6Kva	RTH-L 10Kva
SKU	**UPSRTHCPROLI6KVA**	**UPSRTHCPROLI10KVA**
GENERAL		
Capacity	6kVA / 6kW	10kVA / 10kW
Input:Output Phase	1:1	
Topology	Double Conversion On-Line	
Cooling	Fan cooled	
Dimension W x D x H (mm)	440*621.5*86.5 (2U)	
Net Weight (kgs)	15.5	17
Installation Type	Rack/Tower	
INPUT		
Nominal voltage	208(Default)/220/230/240Vac	
Voltage Range	110-300Vac(110-300Vac @ 50% load / 176-300Vac @ 100% load)	
Frequency Range	40-70Hz	
Harmonic distortion(THDi)	< 2%	
Power Factor	>0.99	
Input Connection	Terminal(L1+L2+PE)	
OUTPUT		
Output Power	6kW	10kW
Power factor	1.0	
Output Waveform	Pure Sinewave	
Online Efficiency (up to)	95.0%	95.5%
Economy mode efficiency	97.5%	98%
Output voltage	208(Default)/220/230/240Vac	
Voltage Regulation	±1%	
Output Voltage Regulation (Dynamic)	±5%	
Harmonic distortion(THDv)	< 1% (Full Linear load)	
	< 3% (Full nonlinear load)	
Output Frequency	50/60Hz ± 10%(Line mode); 50/60Hz(default) ±0.1%(Battery mode)	
Over Load Capability (Online mode)	105%~110%: UPS transfer to bypass after 60 minutes when the utility is normal 110%~125%: UPS transfer to bypass after 10 minutes when the utility is normal 125%~150%: UPS transfer to bypass after 1 minute when the utility is normal >150%: UPS transfer to bypass after 0.5 second when the utility is normal	
Over Load Capability (Battery mode)	105%~110%: UPS after 10 minute shut down 110%~125%: UPS after 1 minute shut down 125%~150%: UPS after 10 second shut down >150%: UPS after 0.5 second shut down	

ESPECIFICACIONES **TÉCNICAS**

Over Load Capability (Bypass mode)		105%~130%: Only Overload alarm 130%~150%: UPS after 10 minute shut down 150%~200%: UPS after 1 minute shut down >200%: after 0.5 second shut down
Current Crest Ratio		3:1
Outlets - Total	Non-Programmable Receptacles	Terminal (L+L+G)
	Programmable Receptacles	L6-30R*2
TRANSFER TIME		
AC mode <->Bat. Mode		0ms typical
Inverter <-> bypass		0ms typical
BYPASS		
Voltage range		208/220Vac Max.voltage: +25% (optional +10%,+15%,+20%) 230Vac Max.voltage: +20% (optional +10%,+15%) 240Vac Max.voltage: +15% (optional +10%) Min. voltage: -45% (optional -10%,-20%,-30%)
Frequency range		Frequency Protection Range: ±10%
ECO Range		Rated Voltage ± 10%
BATTERY		
Nominal DC Voltage	Lithium Battery	192Vdc
Charge Current (max.)		12A (Optional:15A) / 15A
Ext. Battery Connector. Y/N		Y
Communication Section and User Interface		
Control panel LCD (English-Language)+LED		2.8 inch Color Segment screen (Optional:3.5 inch Color touch screen)
RS232 port		Yes
RS485 port		Yes
USB port		Yes
Parallel port		Yes
Emergency Power Off (EPO)		Yes
Maintenance bypass dry contact (MAINT.)		Yes

ESPECIFICACIONES **TÉCNICAS**

COM port	Optional (for Lithium Battery)	
Battery Temperature Contact port (BATT)	Optional (for VRLA)	
Intelligent card slot	Single slot: Large (Default) (Optional: Mini) Double slot: Large+Mini (Default) (Optional: Mini+Mini)	
Programmable dry contact	Optional (4 Input+4 Output)	
ENVIRONMENT		
Operating temperature	0℃~40℃（40℃~50℃ derating to 75% load）	
Storage temperature	-25℃~55℃ (without batteries)	
Humidity range	0~95%RH (Non -condensing)	
Operating altitude	0~1000 meters Normally operate; 1000~3000 meters Derating	
Protection Class	IP20	
Noise level (online mode) *	⩽45dB @ 1 meter	⩽50dB @ 1 meter
STANDARDS		
Safety	cTUVus: UL 1778 5th Edition, CSA C22.2 NO.107.3-14	
EMC	FCC Part 15 Subpart B Class A, ANSI C63.4-2014	
OTHERS		
Generator Compatible	Yes	
Short Circuit	Hold Whole System	
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
Low battery voltage	Alarm and Switch off	
EPO	Shut down UPS immediately	
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault	
Parallel Operation Capability	Optional	
ACCESSORIES		
RS232 cable	Optional	
USB cable	1pcs	
Parallel cable	1pcs	
User manual	1pcs	
Mounting ears	1set	
Standing holders	1set	
Guide rail	Optional	
BatteryPack	**BPRTHCPROLI192V**	
Battery type	LiFePO4	
Nominal voltage	192Vdc/12Ah	
Communication port	RS485	
Dimension W x D x H (mm)	440*684*86.5 (2U)	
Net Weight (kgs)	34	
Certificate	IEC62619, UL1973, UN38.3	