



ESPECIFICACIONES TÉCNICAS

Modelo VRM IT- VRM G1

MODEL		ULT-6KVRM IT	ULT-10KVRM G1	
CAPACITY*		6000 VA / 6000 W	10000 VA / 10000 W	
INPUT				
Voltage Range	Low Line Loss	110 VAC(L-N) \pm 3 % at 0-60% Load 176 VAC(L-N) \pm 3 % at 60%-100% Load		
	Low Line Comeback	Low Line Loss Voltage + 10V		
	High Line Loss	300 VAC(L-N) \pm 3 %		
	High Line Comeback	Low Line Loss Voltage - 10V		
Frequency Range		46Hz ~ 54 Hz @ 50Hz system 56Hz ~ 64 Hz @ 60Hz system		
Phase		Single phase with ground		
Power Factor		\geq 0.99 at 100% Load		
OUTPUT				
Output voltage		208/220/230/240VAC		
AC Voltage Regulation		\pm 1%		
Frequency Range (Synchronized Range)		46Hz ~ 54 Hz @ 50Hz system 56Hz ~ 64 Hz @ 60Hz system		
Frequency Range (Batt. Mode)		50 Hz \pm 0.1 Hz or 60Hz \pm 0.1 Hz		
Overload	AC mode	100%~110%: 10min ; 110%~130%: 1min ; >130% : 1sec		
	Battery mode	100%~110%: 30sec ; 110%~130%: 10sec ; >130% : 1sec		
Current Crest Ratio		3:1 max		
Harmonic Distortion		\leq 1 % @ 100% Linear Load; \leq 4 % @ 100% Non-linear Load		
Transfer Time	Line \leftrightarrow Battery	0 ms		
	Inverter \leftrightarrow Bypass	0 ms		
	Inverter \leftrightarrow ECO	<10 ms (Typical)		
EFFICIENCY				
AC mode		94% (max.)		
Battery Mode		92% (max.)		
BATTERY				
Type	12 V / 7 Ah	Depending on applications	12 V / 9 Ah	Depending on applications
Numbers	20	16~20**	20	16~20**
Recharge Time	7 hours recover to 90% capacity	According to external battery pack	9 hours recover to 90% capacity	According to external battery pack
Charging Current	1 A \pm 10% (max.)	4 A \pm 10% (max.)	1 A \pm 10% (max.)	4 A \pm 10% (max.)
Charging Voltage	(Battery number*13.65 V) \pm 1%			
PHYSICAL				
Dimension, DXWXH(mm)	UPS Unit: 600 x 438 x 88 [2U] Battery Pack: 600 x 438 x 133 [3U]	UPS Unit: 600 x 438 x 88 [2U]	UPS Unit: 600 x 438 x 88 [2U] Battery Pack: 600 x 438 x 133 [3U]	UPS Unit: 600 x 438 x 88 [2U]
Net Weight (kgs)	UPS Unit: 17 Battery Pack: 57	UPS Unit: 17	UPS Unit: 20 Battery Pack: 63	UPS Unit: 20
ENVIRONMENT				
Operation Temperature	0 ~ 40°C (the battery life will down when > 25°C)			
Operation Humidity	<95 % and non-condensing			
Operation Altitude***	<1000m			
Acoustic Noise Level	Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter	
MANAGEMENT				
Smart RS-232 or USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC			
Optional SNMP	Power management from SNMP manager and web browser			

DATOS TÉCNICOS UPS LYONN MODELO ULT RMW II



MODEL		ULT 1000 RMW II	ULT 1500 RMW II	ULT 2000 RMW II	ULT 3000 RMW II
CAPACITY*		1000VA/900W	1500VA/1350W	2000VA/1800W	3000VA / 2700W
INPUT					
Voltage Range	Low Line Transfer	160VAC/140VAC/120VAC/110VAC ± 5 % or 80VAC/70VAC/60VAC/55VAC ± 5 %			
	Low Line Comeback	175VAC/155VAC/135VAC/125VAC ± 5 % or 87VAC/77VAC/67VAC/62VAC ± 5 %			
	High Line Transfer	300 VAC ± 5 % or 150 VAC ± 5 %			
	High Line Comeback	290 VAC ± 5 % or 145 VAC ± 5 %			
Frequency Range		40Hz ~ 70 Hz			
Phase		Single phase with ground			
Power Factor		≥ 0.99 @ full load			
THDi		≤ 5% @ 205-245VAC or 100-130VAC			
OUTPUT					
Output voltage		200/208/220/230/240VAC or 100/110/115/120/127 VAC			
AC Voltage Regulation		± 1% (Batt. Mode)			
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz			
Frequency Range		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz (Batt. Mode)			
Current Crest Ratio		3:1			
Harmonic Distortion		≤ 2 % THD (Linear Load) ; 4 % THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	< 4 ms			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY					
AC Mode		≥89% @ full charged battery		≥91% @ full charged battery	
ECO Mode		≥96% @ full charged battery			
Battery Mode		≥88%		≥90%	
BATTERY					
Battery Type		12V/9AH	12V/9AH	12V/9AH	12V/9AH
Numbers		2	3	4	6
Recharge Time		3 hours recover to 95% capacity for internal battery@ 2A charging current			
Charging Current		100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable			Default: 2A, Max: 8A adjustable
Charging Voltage		27.4 VDC ± 1%	41.0 VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ±1%
PHYSICAL					
Dimension, D X W X H (mm)		410 x 438 x 88		510 x 438 x 88	
Net Weight (kgs)	With battery	11,6	15,5	19,5	27,5
	Without battery	6,6	8,1	9,4	12,4
ENVIRONMENT					
Operation Humidity		20-95 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 50dBA @ 1 Meter (With fan speed control)			
MANAGEMENT					
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

*1-3KVA: Reduce a 80% de la capacidad en el modo de convertidor de frecuencia y al 80% cuando la tensión de salida se ajusta a 100/200 / 208VAC

* Las especificaciones del producto están sujetas a cambios sin previo aviso.