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UPS



**UPS LYONN
ULT 1000 VT a 3000 VT**



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UPS ULT 1000 VT a 3000 VT

UPS para proteger su empresa

La serie ULT modelo VT, por su topología Verdadero On Line de Doble Conversión, protege su información suministrando energía limpia y segura para redes en forma continua e independientemente de la energía de entrada. Con el software UPSMON, el sistema de alimentación ininterrumpida (UPS), almacenará información en forma segura y apagará su sistema operativo de red antes de que la batería se agote completamente, sin que incida el hecho de que usted esté allí o no. El dispositivo opcional SNMP le permite instalar accesorios opcionales para mejorar el rendimiento de su UPS. Este UPS es perfecto para múltiples servidores de archivos, minicomputadoras, grupos de servidores, pequeñas unidades centrales, sistemas de control electrónicos, "farming" de Centros de Procesamiento de Datos, Sistemas de Telecomunicaciones de la empresa, Ordenadores Personales, redes LAN, Bridges, Routers y otras aplicaciones de misión críticas.

- Panel frontal a LED.
- Control doble procesador. Arranque en frío.
- Diseño Verdadero On line Doble Conversión.
- Amplio rango de tensión de entrada.
- Puerto de comunicación inteligente RS232.
- Posibilidad de manejo vía SNMP.
- Compatible con software de monitoreo.
- Función de corrección de factor de potencia.

MODELO TOWER MODELO RACKEABLE	ULT VT 1K ULT VRM RACK	ULT VT 15K ULT VRM RACK	ULT VT 2K ULT VRM RACK	ULT VT 3K ULT VRM RACK	ULT VT 6K ULT VRM RACK	ULT VT 8K ULT VRM RACK	ULT VT 10K ULT VRM RACK
PHASE	Single phase with ground						
CAPACITY	1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W	6000VA/4800W	8000VA/6400W	10000VA/8000W
INPUT	Voltage Range - Low Line Transfer	160 VAC ± 5% or 80 VAC ± 5% @ 100% load			176 VAC ± 3% @ 100% load		
	Voltage Range - Low Line Comeback	175 VAC ± 5% or 85 VAC ± 5% @ 100% load			186 VAC ± 3% @ 100% load		
	Voltage Range - High Line Transfer	300 VAC ± 5% or 150 VAC ± 5%			300 VAC ± 3%		
	Voltage Range - High Line Comeback	290 VAC ± 5% or 145 VAC ± 5%			290 VAC ± 3%		
	Frequency Range	40 Hz - 70 Hz			46 - 54 Hz or 56 - 64 Hz		
	Power Factor	≥ 0.99 @ Nominal Voltage (Full load)			≥ 0.99 @ 100% load		
OUTPUT	Output Voltage	208/220/230/240 VAC			208/220/230/240 VAC		
	AC Voltage Regulation (Batt. Mode)	± 3%			± 1%		
	Frequency Range (Synchronized Range)	47-53 Hz or 57-63 Hz			46 - 54 Hz or 56 - 64 Hz		
	Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz		
	Current Crest Ratio	3:1			3:1		
	Harmonic Distortion	≤ 3 % THD (Linear Load)	≤ 4 % THD (Linear Load)		≤ 3 % THD (Linear Load)		
		≤ 6 % THD (Non-linear Load)	≤ 7 % THD (Non-linear Load)		≤ 6 % THD (Non-linear Load)		
Transfer Time - AC Mode to Batt. Mode	Zero			Zero			
Inverter to Bypass	4 ms (Typical)			Zero			
Waveform (Batt. Mode)	Pure Sinewave			Zero			
EFFICIENCY	AC Mode	85%		88%		89%	
	Battery Mode	83%		88%		88%	
BATTERY	Standard Model - Battery Type	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah
	Standard Model - Numbers	3	3	6	6	20	20
	Standard Model - Typical Recharge Time	4 hours recover to 90% capacity			7 hours recover	9 hours recover to 90% capacity	9 hours recover
	Standard Model - Charging Current (max.)	1.0 A			1.0 A		
	Standard Model - Charging Voltage	41.0 VDC ± 1%			82.1 VDC ± 1%		
	Long-run Model - Battery Type	Depending on applications			Depending on applications		
	Long-run Model - Numbers	3	3	6	6	18-20	18-20
Long-run Model - Charging Current (max.)	8.0 A			4.0 A			
Long-run Model - Charging Voltage	41.0 VDC ± 1%			82.1 VDC ± 1%			
INDICATORS	LCD Display UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions						
ALARM	Battery Mode	Sounding every 4 seconds					
	Low Battery	Sounding every second					
	Overload	Sounding twice every second					
	Fault	Continuously sounding					
PHYSICAL	Stand. Model - Dimension, D x W x H (mm)	397 x 145 x 220		421 x 190 x 318		592 x 250 x 576	
	Stand. Model - Net Weight (kgs)	13	14	26	28	81	83
	Long-run Model - Dimension, D x W x H (mm)	397 x 145 x 220		421 x 190 x 318		592 x 250 x 576	
	Long-run Model - Net Weight (kgs)	7	7	13	13	25	27
PHYSICAL	Stand. Model - Dimension, D x W x H (mm)	420 x 438 x 89 [2U]		580 x 438 x 133 [3U]		UPS Unit: 580x438x133 [3U] Battery Pack: 580x438x133 [3U]	UPS Unit: 580x438x133 [3U] Battery Pack: 580x438x133 [3U]
	Stand. Model - Net Weight (kgs)	16	17	29	31	UPS Unit: 17 Battery Pack: 57	UPS Unit: 17 Battery Pack: 57
	Long-run Model - Dimension, D x W x H (mm)	420 x 438 x 88 [2U]		580 x 438 x 133 [3U]		UPS Unit: 580 x 438 x 133 [3U]	UPS Unit: 580 x 438 x 133 [3U]
	Long-run Model - Net Weight (kgs)	10	10	17	17	17	17
ENVIRONMENT	Humidity	20-90 % RH @ 0-40°C (non-condensing)					
MANAGEMENT	Noise Level	Less than 45dB @ 1 Meter			Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter
	Smart RS-232 / USB	Supports Windows 2000/2003/XP/Vista/2008, Windows 7, Linux, Unix, and MAC					
	Optional SNMP	Power management from SNMP manager and web browser					

*Derate to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 208VAC. ** L means long-run model

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