

SPECIFICATION

MODEL		UVS1K-1RB	UVS1.5K-1RB	UVS2.0K-1RB	UVS2.4K-1RB
INPUT	Nominal Voltage	120Vac			
	Voltage Range	120Vac ±10%, -35% if full load rating derated 30%			
	Current (max)	10.4A	15.6A	20.8A	24A
	Frequency	47 – 450Hz (50 or 60Hz ±2% for line sync.) (50, 60, or 400Hz for non-sync.) ¹ Input/output frequency synchronization selectable with jumper			
	Input AC Connector Type	On Board Assy. -- 3 Pin Amp Mating Connector P/N			
OUTPUT	VA Rating 50/60Hz @400Hz	1000VA	1500VA	2000VA	2400VA
	Power 50/60Hz (Resistive Load) (@400Hz)	700W (595W)	1050W (892W)	1400W (1190W)	1550W (1317W)
	Voltage	120Vac ±3%			
	Current, Amps RMS (@400Hz)	8.3A (7.1A)	12.5A (10.6A)	16.7A (14.2A)	20.0A (17A)
	Non-Linear Repetitive Peak (@400Hz)	20A (14.2A)	30A (21.3A)	40A (28.3)	48A (34.1A)
	Frequency	50/60Hz ±0.5Hz Hz (internal) 50/60Hz ± 1Hz Hz (Sync.) Optional 400Hz ±4Hz (internal) ¹			
	Dynamic Response	±5% RMS for 100% Step Load Change, 1ms Recovery Time			
	Harmonic Distortion	Linear Load <3% Non-linear Load <5%			
	Overload	200% for 0.5 sec. 120% for 30 sec.			
	Output AC Connector Type	On Board Assy. -- 3 Pin Amp, P/N Mating – 3 Pin Amp, P/N			
BATTERY or DC INPUT REQUIREMENT	DC Voltage	48V	72V	72V	72V
	Current Required (max)	30A			
	Type Recommended	12V, 7AH Sealed Lead Acid			
	DC Connector Type	On Board Assy. -- 2 Pin Amp, P/N Mating – 2 Pin Amp, P/N			
	Onboard Charger Current	400ma			
TRANSFER TIME	Line Fails/Recovers	Zero			
Audible Noise	@ 1 Meter	≤50dBA			≤55dBA
Indicators	Interface Connector Supports LED Drive signals for:	Line, Inverter, Alarm, Battery & Load Capacity Level Meters (5 LED segments each meter)			
Audible Alarms		DC Mode, Low Battery, Over/Under Voltage, High Temperature, Over Load, UPS Fault			
Interface	Computer	DB-9 Contact Closure Interface (On Utility, Low Battery & Remote Shutdown)			
Environment	Temperature	0°C - 40°C (32°F – 104°F)			
	Humidity	10% - 95% Non-condensing			
Mechanical	Weight (kg) Lbs.	(3.86) 8.5	(4.54) 10	(5.9) 13	(6.8) 15
	Dimensions (mm) H x W x D inches	(1.22 x 4.11 x) 2.68 x 9.06 x	(1.22 x 4.11 x 7.15) 2.68 x 9.06 x 15.76		
Approvals	Agency	UL Recognition (UL File E139078)			Pending

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