

Series	Fenton UPS PowerPal				
Model	P400	P600	P800	P1000	P1400
Type	Line Interactive	Line Interactive	Line Interactive	Line Interactive	Line Interactive
Capacity (VA / Watt)	400 / 210	600 / 320	800 / 400	1000 / 500	1400 / 700
Number of Outlets (IEC / NEMA)	2 / 2	4 / 4	4 / 4	6 / 6	6 / 6
Waveform Type	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave
Frequency Auto Sensing	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Input Voltage at AC Line Input	110 / 220 Vac ± 27%	110 / 220 Vac ± 27%	110 / 220 Vac ± 27%	110 / 220 Vac + 22% ~ - 27%	110 / 220 Vac + 22% ~ - 27%
Output Voltage	110 / 220 Vac ± 10%	110 / 220 Vac ± 10%	110 / 220 Vac ± 10%	110 / 220 Vac ± 10%	110 / 220 Vac ± 10%
AVR / PFC	√ True AVR	√ True AVR	√ True AVR	√ True AVR	√ True AVR
Energy Saving (Sleep Mode)	√	√	√	√	√
Lightning / Surge Protection	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules
Input Protection	√	√	√	√	√
Tel / Modem / Networking Protection	√ RJ45	√ RJ45	√ RJ45	√ RJ45	√ RJ45
Overload Protection	√	√	√	√	√
Transfer Time to Utility / Backup	4 ms Typical	4 ms Typical	4 ms Typical	4 ms Typical	4 ms Typical
Battery Specification	12V / 7AH x 1	12V / 7AH x 1	12V / 9AH x 1	12V / 12AH x 2	12V / 12AH x 3
Battery Recharge Time to 90%	8 Hours	8 Hours	8 Hours	6 Hours	6 Hours
Battery Protection	√	√	√	√	√
Advance Battery Management	√	√	√	√	√
Battery Backup Time	19 to 23 Minutes (PC with 15" Monitor)	19 to 23 Minutes (PC with 15" Monitor)	21 to 24 Minutes (PC with 15" Monitor)	37 to 40 Minutes (PC with 15" Monitor)	60 to 63 Minutes (PC with 15" Monitor)
Cold Start (DC Power On)	√	√	√	√	√
Automatic Testing / Self-Testing				√	√
LED Status Indicators	√	√	√	√	√
LCD Display Panel					
Battery Backup Alarm	√	√	√	√	√
Battery Low Alarm	√	√	√	√	√
Overload Alarm	√	√	√	√	√
Extended Battery Bank					
Communication Port Selection	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Software	√	√	√	√	√
Net / Gross Shipping Weight	5.5 kgs. / 6.3 kgs. 12.1 lbs. / 13.9 lbs.	5.9 kgs. / 6.6kgs. 13.0 lbs. / 14.6 lbs.	6.3 kgs. / 7.0 kgs. 13.9 lbs. / 15.4 lbs.	15.5kgs. / 16.5kgs. 34.1 lbs. / 36.3 lbs.	21.4 kgs. / 22.4 kgs. 47.1 lbs. / 49.3 lbs.
Dimensions (W x H x D)	105 mm x 220 mm x 250 mm 4.1" x 8.7" x 9.8"			160 mm x 240 mm x 430 mm 6.3" x 9.5" x 16.9"	

Series	PowerPal				
Model	L280	L425	L660	L1000	L1400
Type	Line Interactive	Line Interactive	Line Interactive	Line Interactive	Line Interactive
Capacity (VA / Watt)	280 / 180	425 / 270	660 / 420	1000 / 670	1400 / 950
Number of Outlets (IEC / NEMA)	2 / 2	2 / 3	4 / 4	6 / 6	6 / 6
Waveform Type	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave
Frequency Auto Sensing	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Input Voltage at AC Line Input	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%
Output Voltage	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%
AVR / PFC	√ True AVR	√ True AVR	√ True AVR	√ True AVR	√ True AVR
Energy Saving (Sleep Mode)	√	√	√	√	√
Lightning / Surge Protection	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules
Input Protection	√	√	√	√	√
Tel / Modem / Networking Protection	√ RJ45	√ RJ45	√ RJ45	√ RJ45	√ RJ45
Overload Protection	√	√	√	√	√
Transfer Time to Utility / Backup	4 ms Typical	4 ms Typical	4 ms Typical	4 ms Typical	4 ms Typical
Battery Specification	12V / 4.5AH x 1	12V / 7AH x 1	12V / 7AH x 1	12V / 12AH x 2	12V / 12AH x 3
Battery Recharge Time to 90%	6 Hours	6 Hours	6 Hours	6 Hours	6 Hours
Battery Protection	√	√	√	√	√
Advance Battery Management	√	√	√	√	√
Battery Backup Time	20 to 21 Minutes (PC with 15" Monitor)	22 to 23 Minutes (PC with 15" Monitor)	19 to 20 Minutes (PC with 15" Monitor)	77 to 80 Minutes (PC with 15" Monitor)	124 to 129 Minutes (PC with 15" Monitor)
Cold Start (DC Power On)	√	√	√	√	√
Automatic Testing / Self-Testing	√	√	√	√	√
LED Status Indicators	√	√	√	√	√
LCD Display Panel					
Battery Backup Alarm	√	√	√	√	√
Battery Low Alarm	√	√	√	√	√
Overload Alarm	√	√	√	√	√
Extended Battery Bank					
Communication Port Selection	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Software	√	√	√	√	√
Net / Gross Shipping Weight	5.7 kgs. / 6.2 kgs. 12.6 lbs. / 13.7 lbs.	6.7 kgs. / 7.2 kgs. 14.8 lbs. / 15.9 lbs.	8.0 kgs. / 8.5 kgs. 17.6 lbs. / 18.7 lbs.	19.0 kgs. / 21.0 kgs. 41.8 lbs. / 46.2 lbs.	25.5 kgs. / 27.5 kgs. 56.1 lbs. / 60.5 lbs.
Dimensions (W x H x D)	107mm x 170mm x 350mm 4.2" x 6.7" x 13.8"		107mm x 170mm x 385mm 4.2" x 6.7" x 15.2"	160 mm x 240 mm x 430 mm 6.3" x 9.5" x 16.9"	

Series	PowerPal			Rack Mount			
Model	L1000 Extendable	L1400 Extendable	L1400 Chargeable	L1400R	M1000R	M2000R	M3000R
Type	Line Interactive	Line Interactive	Line Interactive	Line Interactive	On Line High Frequency	On Line High Frequency	On Line High Frequency
Capacity (VA / Watt)	1000 / 670	1400 / 950	1400 / 950	1400 / 950	1000 / 700	2000 / 1400	3000 / 2100
Number of Outlets (IEC / NEMA)	6 / 6	6 / 6	6 / 6	6 / 6	4 / 4	1 Terminal + 1 Outlet Socket	1 Terminal + 1 Outlet Socket
Waveform Type	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Frequency Auto Sensing	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Input Voltage at AC Line Input	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 115 / 230 Vac + 22% ~ - 27%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 27%	200 / 220 / 230 / 240 Vac ± 36%	200 / 220 / 230 / 240 Vac ± 36%
Output Voltage	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%	100 / 115 / 230 Vac ± 3%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 1.5%	200 / 220 / 230 / 240 Vac ± 1.5%	200 / 220 / 230 / 240 Vac ± 1.5%
AVR / PFC	√ True AVR	√ True AVR	√ True AVR	√ True AVR	√ PFC	√ PFC	√ PFC
Energy Saving (Sleep Mode)	√	√	√	√	√	√	√
Lightning / Surge Protection	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules
Input Protection	√	√	√	√	√	√	√
Tel / Modem / Networking Protection	√ RJ45	√ RJ45	√ RJ45	√ RJ45			
Overload Protection	√	√	√	√	√	√	√
Transfer Time to Utility / Backup	4 ms Typical	4 ms Typical	4 ms Typical	4 ms Typical	Zero	Zero	Zero
Battery Specification	12V / 12AH x 2	12V / 12AH x 3	36Vdc	12V / 12AH x 3	12V / 7AH x 3	12V / 7AH x 6	12V / 7 AH x 8
Battery Recharge Time to 90%	6 Hours	6 Hours	6 Hours	6 Hours	6 Hours	6 Hours	6 Hours
Battery Protection	√	√	√	√	√	√	√
Advance Battery Management	√	√	√	√	√	√	√
Battery Backup Time	77 to 80 Minutes (PC with 15" Monitor)	124 to 129 Minutes (PC with 15" Monitor)	124 to 129 Minutes (PC with 15" Monitor)	124 to 129 Minutes (PC with 15" Monitor)	7 Minutes (Full Load) 20 Minutes (Half Load)	7 Minutes (Full Load) 17 Minutes (Half Load)	7 Minutes (Full Load) 17 Minutes (Half Load)
Cold Start (DC Power On)	√	√	√	√	√	√	√
Automatic Testing / Self-Testing	√	√	√	√	√	√	√
LED Status Indicators	√	√	√	√	√	√	√
LCD Display Panel							
Battery Backup Alarm	√	√	√	√	√	√	√
Battery Low Alarm	√	√	√	√	√	√	√
Overload Alarm	√	√	√	√	√	√	√
Extended Battery Bank	Optional	Optional	√	Optional	Optional	Optional	Optional
Communication Port Selection	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts
Software	√	√	√	√	√	√	√
Net / Gross Shipping Weight	19.0 kgs. / 21.5 kgs. 41.8 lbs. / 47.3 lbs.	25.5 kgs. / 27.5 kgs. 56.1 lbs. / 60.5 lbs.	15.0 kgs. / 17.0 kgs. 33.0 lbs / 37.4 lbs.	32.0 kgs. / 33.0 kgs. 70.4 lbs. / 72.6 lbs.	26.5 kgs. / 27.5 kgs. 58.3 lbs. / 60.5 lbs	Please Call	Please Call
Dimensions (W x H x D)	160 mm x 240 mm x 430 mm 6.3" x 9.4" x 16.9"			425 mm x 133mm x 470mm 16.7" x 5.2" x 18.5"	424 mm x 88mm x 470mm 16.7" x 3.5" x 18.5"	430 mm x 88 mm x 530 mm 16.9" x 3.5" x 20.9" - 2U x 2 (UPS + Battery Box)	

## Fenton UPS Selection Guide

Series	PowerUltra					
Model	S1000	S1500	S2000	S1000L	S1500L	S2000L
Type	Line Interactive	Line Interactive	Line Interactive	Line Interactive	Line Interactive	Line Interactive
Capacity (VA / Watt)	1000 / 600	1500 / 900	2000 / 1200	1000 / 600	1500 / 900	2000 / 1200
Number of Outlets (IEC / NEMA)	3 / 2	6 / 6	6 / 6	3 / 3	6 / 6	6 / 6
Waveform Type	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Frequency Auto Sensing	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Input Voltage at AC Line Input	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 20%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 20%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 20%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 20%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 20%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 20%
Output Voltage	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 3%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 3%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 3%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 3%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 3%	100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 3%
AVR / PFC	√ True AVR	√ True AVR	√ True AVR	√ True AVR	√ True AVR	√ True AVR
Energy Saving (Sleep Mode)	√	√	√	√	√	√
Lightning / Surge Protection	300 Joules / 580 Joules	300 Joules / 580 Joules	300 Joules / 580 Joules	300 Joules / 580 Joules	300 Joules / 580 Joules	300 Joules / 580 Joules
Input Protection	√	√	√	√	√	√
Tel / Modem / Networking Protection	√ RJ45	√ RJ45	√ RJ45	√ RJ45	√ RJ45	√ RJ45
Overload Protection	√	√	√	√	√	√
Transfer Time to Utility / Backup	3.5 ms Typical	3.5 ms Typical	3.5 ms Typical	3.5 ms Typical	3.5 ms Typical	3.5 ms Typical
Battery Specification	12V / 7AH x 2	12V / 7AH x 3	12V / 7AH x 4	48Vdc	48Vdc	48Vdc
Battery Recharge Time to 90%	5 Hours	3 Hours	3 Hours	10Adc Max.	10Adc Max.	10Adc Max.
Battery Protection	√	√	√	√	√	√
Advance Battery Management	√	√	√	√	√	√
Battery Backup Time	34 to 37 Minutes (PC with 15" Monitor)	61 to 66 Minutes (PC with 15" Monitor)	85 to 90 Minutes (PC with 15" Monitor)	Design Solutions	Design Solutions	Design Solutions
Cold Start (DC Power On)	√	√	√	√	√	√
Automatic Testing / Self-Testing	√	√	√	√	√	√
LED Status Indicators	√	√	√	√	√	√
LCD Display Panel	Optional	Optional	Optional	Optional	Optional	Optional
Battery Backup Alarm	√	√	√	√	√	√
Battery Low Alarm	√	√	√	√	√	√
Overload Alarm	√	√	√	√	√	√
Extended Battery Bank				Optional	Optional	Optional
Communication Port Selection	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Software	√	√	√	√	√	√
Net / Gross Shipping Weight	15.0 kgs. / 16.0 kgs. 33.0 lbs. / 35.2 lbs.	21.0 kgs. / 22.0 kgs. 46.2 lbs. / 48.4 lbs.	25.0 kgs. / 26.0 kgs. 55.0 lbs. / 57.2lbs.	15.0 kgs. / 16.0 kgs. 33.0 lbs. / 35.2 lbs.	18.0 kgs. / 19.0 kgs. 46.2 lbs. / 48.4 lbs.	23.0 kgs. / 24.0 kgs. 55.0 lbs. / 57.2lbs.
Dimensions (W x H x D)	180 mm x 200 mm x 380 mm 7.1" x 7.9" x 15.0"	180 mm x 200 mm x 450 mm 7.1" x 7.9" x 17.7"	180 mm x 200 mm x 510 mm 7.1" x 7.9" x 20.1"	180 mm x 200 mm x 450 mm 7.1" x 7.9" x 17.7"		

Series	PowerPure			PowerOn			
Model	M1000	M2000	M3000	H4000	H6000	H8000	H10K
Type	On Line High Frequency	On Line High Frequency	On Line High Frequency	On Line Low Frequency	On Line Low Frequency	On Line Low Frequency	On Line Low Frequency
Capacity (VA / Watt)	1000 / 700	2000 / 1400	3000 / 2100	4000 / 3200	6000 / 4800	8000 / 6400	10k / 8k
Number of Outlets (IEC / NEMA)	3 / 3	2 / 2	Terminal + 1 Outlet Socket	Hard-Wiring Terminal	Hard-Wiring Terminal	Hard-Wiring Terminal	Hard-Wiring Terminal
Waveform Type	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Frequency Auto Sensing	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Input Voltage at AC Line Input	100 / 110 / 150 / 120 Vac or 200 / 220 / 230 / 240 Vac + 22% ~ - 27%	200 / 220 / 230 / 240 Vac ± 36%	200 / 220 / 230 / 240 Vac ± 36%	110 / 208 / 220 Vac ± 20% 120 / 240 Vac + 15% ~ - 25%	208 / 220 Vac ± 20% 240 Vac + 15% ~ - 25%	220 / 230 Vac ± 20% (1Φ) 240 Vac + 15~ - 25% (1Φ) 208 / 120 Vac or 380 / 220 Vac ± 20% (3Φ)	220 / 230 Vac ± 20% (1Φ) 240 Vac + 15~ - 25% (1Φ) 208 / 120 Vac or 380 / 220 Vac ± 20% (3Φ)
Output Voltage	100 / 110 / 150 / 120 Vac or 200 / 220 / 230 / 240 Vac ± 1.5%	200 / 220 / 230 / 240 Vac ± 1.5%	200 / 220 / 230 / 240 Vac ± 1.5%	110 / 120 / 208 / 220 / 240 Vac ± 2%, ± 10% adjustable range	208 / 220 / 240 Vac ± 2%, ± 10% adjustable range	220 / 230 / 240 Vac (1Φ) or 208 / 120 Vac (3Φ) ± 2%, ± 10% adjustable range	220 / 230 / 240 Vac (1Φ) or 208 / 120 Vac (3Φ) ± 2%, ± 10% adjustable range
AVR / PFC	√ True AVR/PFC	√ True AVR/PFC	√ True AVR/PFC				
Energy Saving (Sleep Mode)	√	√	√				
Lightning / Surge Protection	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules	320 Joules
Input Protection	√	√	√	√	√	√	√
Tel / Modem / Networking Protection							
Overload Protection	√	√	√	√	√	√	√
Transfer Time to Utility / Backup	Zero	Zero	Zero	Zero	Zero	Zero	Zero
Battery Specification	12V / 7AH x 3	12V / 7AH x 6	12V / 7AH x 8	12V / 7AH x 16	12V / 17AH x 16	12V / 17AH x 16	12V / 17AH x 16
Battery Recharge Time to 90%	6 Hours	6 Hours	6 Hours	8 Hours	8 Hours	8 Hours	8 Hours
Battery Protection	√	√	√	√	√	√	√
Advance Battery Management	√	√	√	√	√	√	√
Battery Backup Time	7 Minutes (Full Load) 20 Minutes (Half Load)	7 Minutes (Full Load) 17 Minutes (Half Load)	7 Minutes (Full Load) 17 Minutes (Half Load)	11 Minutes (Full Load) 24 Minutes (Half Load)	20 Minutes (Full Load) 45 Minutes (Half Load)	12 Minutes (Full Load) 26 Minutes (Half Load)	8 Minutes (Full Load) 18 Minutes (Half Load)
Cold Start (DC Power On)	√	√	√	√	√	√	√
Automatic Testing / Self-Testing	√	√	√	√	√	√	√
LED Status Indicators	√	√	√	√	√	√	√
LCD Display Panel	√	√	√	√	√	√	√
Battery Backup Alarm	√	√	√	√	√	√	√
Battery Low Alarm	√	√	√	√	√	√	√
Overload Alarm	√	√	√	√	√	√	√
Extended Battery Bank	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Communication Port Selection	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts	RS232 / USB / SNMP / Dry Contacts
Software	√	√	√	√	√	√	√
Net / Gross Shipping Weight	18.0 kgs. / 19.0 kgs. 39.6 lbs. / 41.8 lbs.	37.5 kgs. / 41 kgs. 82.5 lbs. / 90.2 lbs.	44.0 kgs. / 47.5 kgs. 96.8 lbs. / 104.5 lbs.	96.0 kgs. / 116 kgs. 212.2 lbs. / 255.2 lbs.	185 kgs. / 210 kgs. 407 lbs. / 462 lbs.	220 kgs. / 250 kgs. 484 lbs. / 550 lbs.	280 kgs. / 315 kgs. 616 lbs. / 693 lbs.
Dimensions (W x H x D)	150 mm x 210 mm x 410 mm 5.9" x 8.3" x 16.1"	198 mm x 340 mm x 460 mm 7.8" x 13.4" x 18.1"		260 mm x 700 mm x 600 mm 10.3" x 27.6" x 26.8"	390 mm x 700 mm x 680 mm 15.4" x 27.6" x 26.8"	390 mm x 790 mm x 820 mm 15.4" x 32.3" x 31.1"	

Series	PowerOn 3 Phase					
Model	H10K 3 Phase	H20K 3 Phase	H30K 3 Phase	H40K 3 Phase	H50K 3 Phase	H60K 3 Phase
Type	On Line Low Frequency	On Line Low Frequency	On Line Low Frequency	On Line Low Frequency	On Line Low Frequency	On Line Low Frequency
Capacity (VA / Watt)	10k / 8k	20k / 16k	30k / 24k	40k / 32k	50k / 40k	60k / 48k
Number of Outlets (IEC / NEMA)	Hard-Wiring Terminal	Hard-Wiring Terminal	Hard-Wiring Terminal	Hard-Wiring Terminal	Hard-Wiring Terminal	Hard-Wiring Terminal
Waveform Type	3 Phase Pure Sine Wave	3 Phase Pure Sine Wave	3 Phase Pure Sine Wave	3 Phase Pure Sine Wave	3 Phase Pure Sine Wave	3 Phase Pure Sine Wave
Frequency Auto Sensing	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Input Voltage at AC Line Input	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 20% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 20% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 20% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 20% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 20% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 20% Vac Delta Connection or Y Connection
Output Voltage	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 1% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 1% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 1% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 1% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 1% Vac Delta Connection or Y Connection	208 / 220 / 380 / 400 / 415 / 480 / 600 ± 1% Vac Delta Connection or Y Connection
AVR / PFC	√ PFC	√ PFC	√ PFC	√ PFC	√ PFC	√ PFC
Energy Saving (Sleep Mode)						
Lightning / Surge Protection	765 Joules	765 Joules	765 Joules	765 Joules	765 Joules	765 Joules
Input Protection	√	√	√	√	√	√
Tel / Modem / Networking Protection						
Overload Protection	√	√	√	√	√	√
Transfer Time to Utility / Backup	Zero	Zero	Zero	Zero	Zero	Zero
Battery Specification	12V / 26AH x 29	12V / 26AH x 29	12V / 26AH x 29	12V / 26AH x 29	12V / 26AH x 29	12V / 26AH x 29
Battery Recharge Time to 90%	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Battery Protection	√	√	√	√	√	√
Advance Battery Management	√	√	√	√	√	√
Battery Backup Time	Design Solutions	Design Solutions	Design Solutions	Design Solutions	Design Solutions	Design Solutions
Cold Start (DC Power On)	√	√	√	√	√	√
Automatic Testing / Self-Testing	√	√	√	√	√	√
LED Status Indicators	√	√	√	√	√	√
LCD Display Panel	√	√	√	√	√	√
Battery Backup Alarm	√	√	√	√	√	√
Battery Low Alarm	√	√	√	√	√	√
Overload Alarm	√	√	√	√	√	√
Extended Battery Bank	Optional	Optional	Optional	Optional	Optional	Optional
Communication Port Selection	RS232 / RS485 / Dry Contacts / SNMP (Optional)	RS232 / RS485 / Dry Contacts / SNMP (Optional)	RS232 / RS485 / Dry Contacts / SNMP (Optional)	RS232 / RS485 / Dry Contacts / Optional)	RS232 / RS485 / Dry Contacts / SNMP (Optional)	RS232 / RS485 / Dry Contacts / SNMP (Optional)
Software	√	√	√	√	√	√
Net / Gross Shipping Weight	270 kgs. / 594 lbs. (Net Weight w/o Battery)	370 kgs. / 814 lbs. (Net Weight w/o Battery)	400 kgs. / 880 lbs. (Net Weight w/o Battery)	480 kgs. / 1056 lbs. (Net Weight w/o Battery)	550 kgs. / 1210 lbs. (Net Weight w/o Battery)	680 kgs. / 1496 lbs. (Net Weight w/o Battery)
Dimensions (W x H x D)	550mm x 1600mm x 800mm 21.7" x 63" x 31.5"					