

Cyberex® Cyberwave UPS

Selection Guide

UPS				
kVA	50	60	75	112
Input				
Input voltage	208, 480, 600 volts for 60Hz systems and 380, 400 or 415 volts for 50Hz systems			
Number of phases	3-phases			
Number of wires	Standard: 3-wire + ground, optional: 4-wire + ground			
Input frequency	Standard: 60Hz, optional: 50Hz			
Input power factor	0.75pf at rated output and load			
Maximum input current @ 480V, 100% load, 240VDC	103A	124A	154A	231A
Input breaker @ 480V	150A	175A	200A	300A
Bypass				
Input voltage	Same as output of the UPS			
Nominal bypass current @ 120V	417A	500A	625A	933A
Maintenance bypass switch	Rotary 3 position switch			
Bypass switch	Standard for M2 & M3; bypass line input disconnect switch, optional for M2 & M3; automatic battery disconnect breaker – optional			
DC bus				
Voltage	Standard: 240VDC, optional: 120VDC			
Battery switch	Standard: battery disconnect switch, optional: automatic battery disconnect breaker			
Maximum battery @ current 240 VDC, 100% load	254A	263A	381A	569A
Maximum rectifier/charger current @ 240VDC, 100% load	180A	214A	265A	391A
Output				
Output voltage	Standard: 120VAC for 60Hz output, optional: 220/230/240VAC for 50Hz output			
Output frequency	Standard: 60Hz, optional: 50Hz			
Number of phases	Single phase			
Number of wires	Standard: 2-wire, optional: 3-wire			
Output isolation switch/breaker	Standard in M2 & M3 configurations			
UPS output current @ 120VAC, 100% load	417A	500A	625A	933A
15 minute overload current @ 120VAC unity PF, 150% KW rating	500A	600A	750A	1120A
Overload: static bypass (one loop)	1300%	1050%	850%	–
Inverter efficiency				
100% load	88%			
75% load	89%			
50% load	88%			
25% load	85%			
Full load heat rejection (BTU/hr)	24196	28918	38000	56000
General				
Module dimensions W" x D" x H"				
Base units (M1)	77x56x34	77x56x34	77x92x34	77x92x34
Module weights (lbs) (M1)	3200	3700	5400	5400

Contact us

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