



POWERKINETICS US9001



Like a usual UPS (Uninterruptible Power Supply), the US9001 provides backup power during power outage situations to keep a computer system running. What distinguishes the US9001 from others is its completely modular design. The modules in the system run independently of each other to ensure that the system will not stop even when any one of the modules fails. This unique approach makes the US9001 inherently reliable.

The US9001 is not only fault-tolerant in operation but also field upgradable and hot-swappable. It is the only power supply that can meet your present and future needs in mission critical applications.

The capacity can be easily configured just by plugging into the Cabinet the required number of modules in 1 KVA increments to the required capacity.



TRULY MODULAR
Custom build your power solution according to your system requirement



FLEXIBLE
Build to the exact solution you need. Upsize or downsize as your requirement change



PARALLEL REDUNDANT
Designed to continuously supply power, even if fault occurs in a module



HOT SWAPPABLE
Easily replaced without turning the UPS off, providing uninterrupted protection during servicing or upgrading



SCALABLE
Protects your investment, ensures your UPS can be easily upgraded in the future



SMART COMMUNICATION
The software monitor and control the UPS remotely. It also provides unattended shutdown of system

UPS Autonomy Run Time vs System Configuration

System Load (kVA)	Watts	Backup Time vs Minimum External Battery Bank								
		No. of External Battery Bank								
		1	2	3	4	5	6	7	8	9
1	360	8 hrs								
2	720	3.5 hrs	8 hrs							
3	1080	2 hrs	5 hrs	8 hrs						
4	1440	1.5 hrs	3.5 hrs	6 hrs	8 hrs					
5	1800	1 hr	2.5 hrs	4.5 hrs	6.5 hrs	8 hrs				
6	2160	50 mins	2 hrs	3.5 hrs	5 hrs	6.5 hrs	8 hrs			
7	2520	40 mins	1.5 hrs	3 hrs	4 hrs	5.5 hrs	6.5 hrs	8 hrs		
8	2880	34 mins	1.5 hrs	2.5 hrs	3.5 hrs	4.5 hrs	6 hrs	7 hrs	8 hrs	
9	3240	30 mins	1 hr	2 hrs	3 hrs	4 hrs	5.5 hrs	6 hrs	7 hrs	8 hrs
10	3600	25 mins	1 hr	2 hrs	2.5 hrs	3.5 hrs	4.5 hrs	5.5 hrs	6.5 hrs	7 hrs
11	3960	23 mins	56 mins	1.5 hrs	2.5 hrs	3 hrs	4 hrs	4.5 hrs	5.5 hrs	6.5 hrs
12	4320	20 mins	50 mins	1.5 hrs	2 hrs	3 hrs	3.5 hrs	4.5 hrs	5 hrs	6 hrs

Backup time is for reference only. Actual duration may vary depending on temperature, battery condition and peripherals added. Recommended not to connect more than 60% load to a single UPS.

Backup Time vs Minimum Battery Module Required

KVA	Watts	No. of Battery Module			
		30 mins	1 hr	2 hr	3 hr
1	360	1	2	4	5
2	720	2	5	8	11
3	1080	4	7	12	17
4	1440	5	10	17	23
5	1800	7	12	21	29
6	2160	8	15	25	
7	2520	10	17	29	
8	2880	11	20		
9	3240	13	22		
10	3600	14	25		
11	3960	16			
12	4320	17			

Rack-mount Cabinet Sizes

Slots	3	6
Max. Power Rating	3kVA	6kVA
Dimension mm (WxHxD)	483 x 313 x 542	483 x 615 x 542
Weight kg	19	39
No. of U	7	14
Cabinet Type: Input / Output		
220-230 V / 50/60 Hz / 220-230 V / 50/60Hz	US9001 CA301EBR	US9001 CA601EBR

Standard Cabinet Sizes

Slots	2	4	6	9	12
Max. Power Rating	2kVA	4kVA	6kVA	9kVA	12kVA
Dimension mm (WxHxD)	180 x 603 x 564	360 x 603 x 564	360 x 860 x 564	540 x 860 x 564	720 x 860 x 564
Weight kg	17	28	39	51	62
Cabinet Type: Input / Output					
220-230 V / 50/60 Hz / 220-230 V / 50/60Hz	US9001 CA201EB	US9001 CA401EB	US9001 CA601EB	US9001 CA901EB	US9001 CA1201EB
380-400 V / 50/60 Hz / 220-230 V / 50/60Hz				US9001 CA901EB	US9001 CA1201EB
380-400 V / 50/60 Hz / 380-400 V / 50/60Hz				US9001 CA903EB	US9001 CA1203EB