

Datasheet Ultracapacitor UPS System



	U-UPS 250	U-UPS 500	U-UPS 750	U-UPS 1000	U-UPS 1500	U-UPS 2000	U-UPS 3000	U-UPS 4000
Rated output power (kW)	250	500	750	1000	1500	2000	3000	4000
Storage capacity (MWsec)*	0.25	0.5	0.75	1.0	1.5	2.0	3.0	4.0
Rated output current (A)	235	465	700	930	1395	1865	2795	3725
Rated output frequency (Hz)**	50	50	50	50	50	50	50	50
Weight (kg)	3300	3600	3900	5300	5900	6700	8600	11800
Container	10ft	10ft	10ft	20ft	20ft	20ft	20ft	40ft
Dimensions (WxDxH) in mm	W 2400	W 2400	W 2400	W 2400	W 2400	W 2400	W 2400	W 2400
	D 3000	D 3000	D 3000	D 6000	D 6000	D 6000	D 6000	D 12200
	H 2600	H 2600	H 2600	H 2900	H 2900	H 2900	H 2900	H 2900
Rated output voltage AC	620 V							
Active Power Support *	Rated power for 1 second							
Power factor range	0.95 cap ... 0.95 ind							
Total harmonic distortion	< 3%							
Maximum efficiency	> 98%							
Principle	IGBT							
IGBT switching frequency (kHz)	2 ... 4 kHz							
Protection class	IP 54							
Temperature range	-20°C ... +50°C							
Cooling principle	liquid cooling							
Operating pressure cooling system	3 bar							
Main controller	Siemens Simotion P320-4							
Internal communication bus	Profinet							
External communication interfaces	Ethernet / TCP/IP							

* project-specific dimensioning possible

** datasheet for 60 Hz on request

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We reserve the right to modify technical specifications without prior notice.

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