



SMC1500



SMC1500-2U



BR1500G




Differences

SMC

Back-UPS Pro (BR)

Pure Sine wave Output on battery	Step Approximated Sine wave Output on battery
Higher Efficiency <97%	Data line Surge Protection
Higher Capacity	Transformer Block Spacing
All Outlets are Battery and Surge protected	Battery and Surge Only Outlets
Greater number of Battery Protected Outlets	Power Saving Outlets automatically cuts power to idle equipment to conserve energy
Ruggedized Sheet Metal Chassis	Plastic Chassis
Rackmount Chassis option	AVR Boost and Trim
Ships with Powerchute Business Edition Software compatible with the most common Server Operating Systems	Ships with Powerchute Personal Edition Software compatible with the most common Desktop Operating Systems
2 yr warranty	3 yr warranty

		BR1000G	BR1300G	BR1500G	SMC1000	SMC1000-2U	SMC1500	SMC1500-2U
Form Factor	Tower Optimized			Tower Optimized			Rackmount	
Output	by Schneider Electric							
Output Power Capacity	600 Watts / 1000 VA	780 Watts / 1300 VA	865 Watts / 1500 VA	600 Watts / 1000 VA	600 Watts / 1000 VA	900 Watts / 1500 VA	900 Watts / 1500 VA	
Nominal Output Voltage	120V			120V				
Output Voltage Distortion	---			Less than 5% at full load				
Output Frequency (sync to mains)	50/60Hz +/- 3Hz			57 - 63 Hz for 60 Hz nominal				
Waveform Type	Stepped approximation sinewave			Sine wave				
Output Connections	(8) 5-15R (4 surge & 4 battery powered)	(10) 5-15R surge & 5 battery powered)	(5)	(8) NEMA 5-15R	(6) NEMA 5-15R	(8) NEMA 5-15R		
Efficiency at Full Load	96%			>97%				
Input								
Input voltage range for main operations	88 - 141V	88 - 139V		93 - 130V				
Input voltage adjustable range for mains operation	---		---		85 - 136V			
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)			50/60 Hz +/- 3 Hz (auto sensing)				
Input Connections	NEMA 5-15P			NEMA 5-15P				
Cord Length	6 feet (1.83 meters)			6 feet (1.83 meters)				
Batteries & Runtime								
Runtime @ full load	4.0 min		3.0 min		6.0 min		6.8 min	
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof							
Capacity (VAH), nominal	168	216		216		288		346
Typical recharge time	8 hours			3 hours				
Replacement Battery	APCRBC123	APCRBC124		APCRBC142	APCRBC124		RBC6	APCRBC132
Communications & Management								
Software	PCPE			PCBE				
Interface Port(s)	USB			USB, RJ45 RS-232				
Control panel	Multi-function LCD status and control console			LCD status display with On Line : Site/System Fault Indicators and load : battery : on battery icons				
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm			Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm				
Surge Protection and Filtering								
Surge energy rating	354 Joules			455 Joules				
Filtering	Full time multi-pole noise filtering : 0.5% IEEE surge let-through : zero clamping response time : instantaneous			Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449				
Physical								
Maximum Height	9.84 inches (250 mm)	11.85 inches (301 mm)	11.85 inches (301 mm)	8.62 inches (219 mm)	3.50 inches (89 mm)	8.62 inches (219 mm)	3.50 inches (89 mm)	
Maximum Width	3.94 inches (100 mm)	4.41 inches (112 mm)	4.41 inches (112 mm)	6.73 inches (170 mm)	17 inches (432 mm)	6.73 inches (170 mm)	17.00 inches (432 mm)	
Maximum Depth	15.04 inches (382 mm)	14.96 inches (380 mm)	14.96 inches (380 mm)	17.28 inches (439 mm)	16 inches (406 mm)	17.28 inches (439 mm)	18.7 inches (475 mm)	
Rack Height	---		---		2U		2U	
Net Weight	23.58 lbs (10.72 kg)	23.10 lbs (10.50 kg)	26.62 lbs (12.10 kg)	38 lbs (17.25 kg)	45.15 lbs (20.5 kg)	45 lbs (20.4 kg)	61.2 lbs (27.8 kg)	
Shipping Weight	25.74 lbs (11.70 kg)	28.27 lbs (12.85 kg)	29.37 lbs (13.35 kg)	43 lbs (19.52 kg)	49.12 lbs (22.3 kg)	50 lbs (22.7 kg)	68.1 lbs (30.9 kg)	
Shipping Height	13.27 inches (225 mm)	15.24 inches (387 mm)	15.24 inches (387 mm)	8.5 inches (216 mm)	9.50 inches (241 mm)	8.5 inches (216 mm)	9.88 inches (251 mm)	
Shipping Width	8.86 (225 mm)	9.37 inches (238 mm)	9.37 inches (238 mm)	6.7 inches (170 mm)	21.50 inches (546 mm)	6.7 inches (170 mm)	23.38 inches (594 mm)	
Shipping Depth	19.17 inches (487 mm)	19.21 inches (488 mm)	19.21 inches (488 mm)	17.3 inches (440 mm)	23.00 inches (584 mm)	17.3 inches (440 mm)	23.75 inches (603 mm)	
Color	Black							
Units per Pallet	32	24	24	24	16	24	16	
Environmental								
Operating Environment	32 - 104 °F (0 - 40 °C)			32 - 104 °F (0 - 40 °C)				
Operating Relative Humidity	0 - 95%			0 - 95%				
Operating Elevation	0-30000 feet (0-9000 meters)			0-10000 feet (0-3000 meters)				
Storage Temperature	5 - 113 °F (-15 - 45 °C)			5 - 113 °F (-15 - 45 °C)				
Storage Relative Humidity	0 - 95%			0 - 95%				
Storage Elevation	0-50000 feet (0-15000 meters)			0-50000 feet (0-15000 meters)				
Audible noise at 1 meter from surface of unit	45 dBA			41 dBA	42 dBA	45 dBA	46 dBA	
Conformance								
Regulatory Approvals	CSA,FCC Part 15 Class B, UL 1778			CSA,FCC Part 15 Class A, UL 1778				
Standard Warranty	3 Years repair or replace			2 years repair or replace				
Equipment protection policy	Lifetime : \$150000			Lifetime : \$150000				