

Overview Comparison



SMC Models



New SMT Models



Differences

SMC

SMT

Simplified LCD Display - basic information provided: bar graph, load graph - input/output voltage, runtime, load show in different variables	Alpha/Numeric Display - Intuitive easy to read display, control all aspects of the UPS via the display as you would with software or the Network Management Card, 30 configurable items, language options.
AVR - Single boost, Single Trim	AVR - Double Boost, Single Trim
Standard Outlets	Controllable Outlet bank
Ships with USB Cable	Ships with both USB and Serial Communications Cable
No Smart-Slot for NMC or LCC	Smartslot for NMC, LCC or other accessories
Ships with rack mount bracketets (-2U Models)	Ships with 4-post rail kit (RM models)
0.6 Power Factor	~0.7 Power factor with more battery capacity
2 yr warranty	3 yr warranty
	Predictive battery replacement date
	Built-in energy meter
	Improved diagnostics and logs
	Switched load group for non-critical load shedding, independent reboot and sequenced on/off

Specifications Table SUA verses SMT

	SMC1000I	SMT1000I	SMC1000I-2U	SMT1000RMI2U	SMC1500I	SMT1500I	SMC1500I-2U	SMT1500RMI2U
Output								
Output Power Capacity	600 Watts / 1000 VA	700 Watts / 1000 VA	600Watts / 1000 VA	700 Watts / 1000 VA	900 Watts / 1500 VA	1000 Watts / 1500 VA	900 Watts / 1500 VA	1000 Watts / 1500 VA
Nominal Output Voltage	230V		230V		230V		230V	
Output Voltage Distortion	Less than 5% at full load		Less than 5% at full load		Less than 5% at full load		Less than 5% at full load	
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal		57 - 63 Hz for 60 Hz nominal		57 - 63 Hz for 60 Hz nominal		57 - 63 Hz for 60 Hz nominal	
Waveform Type	Sine wave		Sine wave		Sine wave		Sine wave	
Output Connections	(8) IEC 320 C13		(4) IEC 320 C13		(8) IEC 320 C13		(4) IEC 320 C13	
Switched outlet Groups	NA	(1) Group of four IEC 320 C13	NA	(2) Outlets of four IEC 320 C13	NA	(1) Group of four IEC 320 C13	NA	(2) Outlets of four IEC 320 C13
Efficiency at Full Load	>97%		>97%		>97%		>97%	
Input								
Nominal Input Voltage	230V		230V		230V		230V	
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)		50/60 Hz +/- 3 Hz (auto sensing)		50/60 Hz +/- 3 Hz (auto sensing)		50/60 Hz +/- 3 Hz (auto sensing)	
Input Connections	IEC 320 C14		IEC 320 C14		IEC 320 C14		IEC 320 C14	
Input voltage range for main operations	180 - 287V	160 - 286V	180 - 287V	160 - 286V	180 - 287V	160 - 286V	180 - 287V	160 - 286V
Input voltage adjustable range for mains operation	170 - 300V	151 - 302V	170 - 300V	151 - 302V	170 - 300V	151 - 302V	170 - 300V	151 - 302V
Batteries & Runtime								
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof		Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof		Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof		Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof	
Typical recharge time	3 hour(s)		3 hour(s)		3 hour(s)		3 hour(s)	
Capacity (VAH), nominal	216	264	216	336	288	408	336	432
Runtime: half / full rated load	16.3 / 6.0 mins	19.0 / 5.8 mins	16.3 / 6.0 mins	31.3 / 8.7 mins	14.1 / 4.7 mins	22.3 / 6.5 mins	18.7 / 6.8 mins	25.8 / 7.2 mins
Replacement Battery	APCRBC142	RBC6	APCRBC124	APCRBC132	RBC6	RBC7	APCRBC132	APCRBC133
Communications & Management								
Interface Port(s)	USB, RJ45 RS-232	RJ45 RS-232, SmartSlot, USB	USB, RJ45 RS-232	RJ45 RS-232, SmartSlot, USB	USB, RJ45 RS-232	RJ45 RS-232, SmartSlot, USB	USB, RJ45 RS-232	RJ45 RS-232, SmartSlot, USB
Available SmartSlot™ Interface	NA	1	NA	1	NA	1	NA	1
Quantity								
Control panel	LCD status display with On Line : Site/System Fault Indicators and load : battery : on battery icons	Multi-function LCD status and control display	LCD status display with On Line : Site/System Fault Indicators and load : battery : on battery icons	Multi-function LCD status and control display	LCD status display with On Line : Site/System Fault Indicators and load : battery : on battery icons	Multi-function LCD status and control display	LCD status display with On Line : Site/System Fault Indicators and load : battery : on battery icons	Multi-function LCD status and control display
Audible Alarm	Alarm when on battery : distinctive low battery alarm	Alarm when on battery : distinctive low battery alarm : configurable delays	Alarm when on battery : distinctive low battery alarm	Alarm when on battery : distinctive low battery alarm : configurable delays	Alarm when on battery : distinctive low battery alarm	Alarm when on battery : distinctive low battery alarm : configurable delays	Alarm when on battery : distinctive low battery alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Surge Protection and Filtering								
Surge energy rating	455 Joules		455 Joules		455 Joules		455 Joules	
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time		Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time		Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time		Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time	
Physical								
Maximum Height	8.62 inches (219 mm)		3.50 inches (89 mm)		8.62 inches (219 mm)		3.50 inches (89 mm)	
Maximum Width	6.73 inches (170 mm)		17 inches (432 mm)		6.73 inches (170 mm)		17.00 inches (432 mm)	
Maximum Depth	17.28 inches (439 mm)		16 inches (406 mm)	18.7 inches (475 mm)	17.28 inches (439 mm)		18.7 inches (475 mm)	
Rack Height	...		2U		...		2U	
Net Weight	38lbs(17.25kg)	42.00 lbs. (19.09 kg)	45.15lbs(20.5kg)	59.7 lbs. (27.1 kg)	45lbs(20.4kg)	53.00 lbs. (24.09 kg)	61.2lbs(27.8kg)	61.2 lbs. (27.8 kg)
Shipping Weight	43lbs(19.52kg)	50.10 lbs. (22.77 kg)	49.12lbs(22.3kg)	71.6 lbs. (32.5 kg)	50lbs(22.7kg)	59.90 lbs. (27.73 kg)	68.1lbs(30.9kg)	73.1 lbs. (33.2 kg)
Shipping Height	8.5 inches (216 mm)		9.50 inches (241 mm)	9.98 inches (251 mm)	8.5 inches (216 mm)		9.88 inches (251 mm)	
Shipping Width	6.7 inches (170 mm)		21.50 inches (546 mm)	23.38 inches (594 mm)	6.7 inches (170 mm)		23.38 inches (594 mm)	
Shipping Depth	17.3 inches (440 mm)		23.00 inches (584 mm)	23.75 inches (603 mm)	17.3 inches (440 mm)		23.75 inches (603 mm)	
Color	Black		Black		Black		Black	
Units per Pallet	24		16		24		16	
Environmental								
Operating Environment	32 - 104 °F (0 - 40 °C)		32 - 104 °F (0 - 40 °C)		32 - 104 °F (0 - 40 °C)		32 - 104 °F (0 - 40 °C)	
Operating Relative Humidity	0 - 95%		0 - 95%		0 - 95%		0 - 95%	
Operating Elevation	0-10000 feet (0-3000 meters)		0-10000 feet (0-3000 meters)		0-10000 feet (0-3000 meters)		0-10000 feet (0-3000 meters)	
Storage Temperature	5 - 113 °F (-15 - 45 °C)		5 - 113 °F (-15 - 45 °C)		5 - 113 °F (-15 - 45 °C)		5 - 113 °F (-15 - 45 °C)	
Storage Relative Humidity	0 - 95%		0 - 95%		0 - 95%		0 - 95%	
Storage Elevation	0-50000 feet (0-15000 meters)		0-50000 feet (0-15000 meters)		0-50000 feet (0-15000 meters)		0-50000 feet (0-15000 meters)	
Audible noise at 1 meter from surface of unit	41 dBA		42 dBA	45 dBA	45 dBA		46 dBA	
Online Thermal Dissipation	100 BTU/ hr		81 BTU / hr	56 BTU/hr	135 BTU / hr		134 BTU / hr	90 BTU / hr
Conformance								
Regulatory Approvals	C-Tick, CE, GOST, VDE	3 years repair or replace (excluding battery) and 2 year for battery	C-Tick, CE, GOST, VDE	3 years repair or replace (excluding battery) and 2 year for battery	C-Tick, CE, GOST, VDE	3 years repair or replace (excluding battery) and 2 year for battery	C-Tick, CE, GOST, VDE	3 years repair or replace (excluding battery) and 2 year for battery
Standard Warranty	2 years repair or replace		2 years repair or replace		2 years repair or replace		2 years repair or replace	

Blanks indicated same value between like models