

SS 700/1000 CM

*Uninterruptible Power Supply
Rugged & Transportable Worldwide
True On-line with Galvanic Isolation*

SOLTEQ SOLUTIONS

FEATURES:

- True on-line topology
- Pure sine wave output
- Rugged design for case mounting
- Capable of worldwide operation
- Wide range, fault tolerant input
- Removable battery module
- Galvanic isolation on input
- Large LCD display for easy monitoring
- Individually switched load segments
- Multiple monitoring and communication options (USB optional)
- Two year limited warranty



Solteq Solutions' rugged transportable Uninterruptible Power Supply (UPS) products are manufactured to withstand harsh conditions of military and commercial transportations. These products are capable of operating from a wide range of input voltages; and, they are also tolerant of supply wiring faults and frequency variations. Thus, these products provide high performance and reliability of operation for critical electrical loads across the globe, no matter where your travels take you.

The weight of these products allow for one-person handling; also, they are easy to operate. With only one surface requiring unobstructed clearance, these products can be used either inside or outside the transport case.

For ease of maintenance, the batteries are encased in an easily removable module that can be swapped in a matter of minutes, and without exposing maintenance personnel to dangerous voltage levels.

SS 700/1000 CM

Uninterruptible Power Supply

SOLTEQ SOLUTIONS

UPS Model		SS700CM	SS1000CM
Capacity	VA/ Watts	700VA/ 490W	1000VA/ 700W
Input	Nominal voltage	120V and 240V nominal with wide range	
	Frequency	50 / 60 Hz Auto Sensing	50 / 60 Hz Auto Sensing
Output	Voltage settings	100V, 110V, 115V, 120V, 127V (Selectable Output Voltage)	
	Frequency (on battery)	50 / 60 Hz +/-0.5%	
	Transfer Time	0 ms	
	Overload Recovery	Auto transfer to UPS	
	UPS Design Technology	On-Line / Fully digitized microprocessor controlled	
	Output Wave Form	Pure Sine Wave	
	Harmonic distortion	< 3% of T.H.D. at linear load	
	Orest Factor	3 : 1	
Protection and Filtering	Surge Protection	120V (IEEE C62.41)	
	Overload Protection	125% for 1 minutes and 150% for 10 seconds	
	Short Circuit Protection	Electronic (inverter) trip plus circuit breaker protection	
System/ Display/ Warning	Visual Display	LED for op. modes; plus LCD for parameter monitoring & control	
	Audible Alarm	Beeps every 5 sec in battery mode; continuous in fault mode	
	Communication	RS-232 Serial Port (USB optional)	
Battery	Type	Sealed, maintenance-free lead acid batteries	
	DC Voltage (V) Battery	24V / 12V, 7.2Ahr (or 9 Ahr) x 2	36V / 12V, 4.5Ahr x 3
	Typical Recharge Time	4 hours to 90% Full	
	Management	Self-test, adaptive end-of-discharge points and alarm settings	
	Battery Protection	Protected against deep discharge and over charge	
	Cold Start (DC start)	YES	
	Back Up Time (Full Load)	6 min	4 min
	Back Up Time (Half Load)	13 min	10 min
Physical	Input connector	IEC 320 (120 / 240V)	
	Receptacles	Four NEMA 5-15 (120V) in two separately controlled segments	
	Dimensions (inch) W x D x H	16" x 11" x 7.75" (w/o carrying case)	
	Dimensions (inch) W x D x H	20.5" x 16.5" x 11.5" (In Pelican iM2620 Case)	
	Net Weight lbs.	37.5 lbs.	39.5 lbs.
	Shipping Weight lbs.	42 lbs. (w/o carrying case)	45 lbs. (w/o carrying case)
	Without / with iM2620 case	53 lbs. in Pelican case with wheels	56 lbs. in Pelican case with wheels
Environment	Operating Temperature	0 - 40°C / 32 ~ 104°F	
	Storage Temperature	-20 ~ 50°C / -4 ~ 122°F	
	Altitude	3,500 meters max	
	Relative Humidity	0 ~ 95% humidity, non-condensing	

Solteq Solution LLC
9616 Locust Hill Drive
Great Falls, VA 22066

Contacts:
703-679-8449
info@solteqsolutions.com
www.solteqsolutions.com