

# Double Conversion TRAFFIC UPS

## INTRODUCING

A BRAND NEW LINE OF FULL-FEATURED, COST EFFECTIVE  
DOUBLE CONVERSION UNINTERRUPTIBLE POWER SUPPLIES

### MODELS

SSDC-1000  
SSDC-1500  
SSDC-2000



- Available in Three Power Models: 1.0, 1.5 & 2.0 kVA
- SNMP Adapter for Ethernet (TCP/IP)
- Wireless Communication: Radio & WiFi
- Up to 8 hrs. or longer Run-Time
- True Sine Wave
- Instantaneous Transfer of Power
- Comprehensive Alarm System
- Custom Cabinets

**SIGNALSense**  
TRAFFICUPS™

866.586.8877  
www.trafficups.com



## SPECIFICATIONS

Output power		1kVA (0.7kW) / 1.5kVA (1.05kW) / 2kVA (1.4kW)		
System	Cooling	Forced Air		
AC Input	Number of phase / wire	Single-phase / 3 wire		
	Nominal voltage	120V model	120V: 1kVA / 1.5kVA / 2kVA	
	Voltage range		85V to 135V	
	Frequency		60Hz	
	Frequency range		Input: ±5%	Output: ±5%
	Input protection		30A breaker	
	Power factor		0.95 Min	<1% Input voltage distortion / lag
AC Output	Number of phase / wire		Single-phase / 3 wire	
	Power factor		0.7	
	Nominal voltage	120V model	120V: 1kVA / 1.5kVA / 2kVA	
	Voltage regulation		±2% Max.	
	Frequency		60Hz	
	Frequency range	On Normal Operation	±1% Max.	
		On Battery Operation	±0.5% Max.	
	Voltage distortion	Linear load	3% Max.	
		Non-linear load	7% Max.	
	Transient voltage regulation	Input Voltage step	±5% Max.	
		100% step load	±5% Max.	
Overcurrent capacity		110% for 10 minutes		
		200% for .05 seconds		
		150% for 10 seconds (45 second interval)		
Overcurrent protection		Bypass Non-Hit Change (Auto Return)		
Battery	Type	AGM or GEL		
	Backup time	Up to 8 Hrs. or Longer		
Nominal heat dissipation		Double conversion mode: 120V model 1kVA: 125W, 1.5kVA: 200W, 2kVA: 250W		
Environment	Temperature Range	-34° to +74°C (-29° to 164°F) [certified]		
Standard of safety		UL1778-Fourth Edition (File # E226092), CE, FCC Part15 Subpart B Class A		
Construction		DSP (Digital Signal Processing) & IGBT throughout		

## BATTERY RUN-TIME DATA

MODEL	BATTERY	WATTS / RUN-TIME (hr:mm)													
SSDC-1000	100 Ah (2 batteries)	100	150	200	250	9:10	8:43	7:15	6:07						
	75 Ah (2 batteries)	100	150	200	250	6:56	5:27	4:32	3:48						
SSDC-1500	100 Ah (3 batteries)	150	200	250	300	350	400	450	500	550	600	700	800	900	1000
	75 Ah (3 batteries)	100	150	200	250	300	350	400	450	500	550	600	700	800	900
SSDC-2000	100 Ah (4 Batteries)	250	300	350	400	450	500	550	600	700	800	900	1000		
	75 Ah (4 batteries)	100	150	200	250	300	350	400	450	500	550	600	700	800	900

Figures should be used for reference only. Actual backup times depend on charging conditions ambient temperature, years in use, etc.