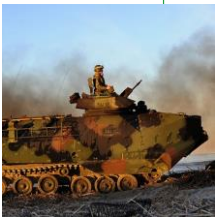


# COTS·SELECT·UPS

NEW LEVEL OF DURABILITY AND RELIABILITY



Acumentrics' COTS Select™ UPS combines affordability with enhanced features designed to withstand shock and vibration while offering a higher level of performance than typical COTS products.

### High Efficiency

Output factor of 0.9 provides higher performance and efficiency, allowing a small form factor, which frees rack space for computers, servers and other critical electronics.

### Vertical or Horizontal Orientation

Universal mount case enables system to be installed as floor-standing tower or in 19" rack.

### Emergency Power Off (EPO)

The COTS Select EPO function ensures safety of equipment and personnel. The capability to shut down the system with one push button means the system can be secured to protect users and downstream equipment in emergency situations.

### Ruggedized Design

Conformal coated circuit cards for improved performance in humid conditions and robustly mounted components offer advancements over standard COTS UPS devices.

### On-line Double Conversion

True on-line, double conversion continually creates a true sine wave AC output from a DC bus; protecting sensitive equipment from surges, spikes, brownouts, blackouts, and noise.

### SNMP/HTTP Card

This feature enables remote monitoring and controlling of the UPS in real time via a LAN system or web browser. This increases safety of users in combat and other demanding applications like oil and gas and mining.

### Smart Battery Reminder

Users can quickly and easily assess charge level and operability of battery pack as well as receive warning of when battery requires replacing.

### Self-Testing Feature

Remote applications require easy, real-time troubleshooting. Built-in self-diagnostic function identifies what is needed to maintain continuous power.

With its ruggedized design including filtered cooling air, Acumentrics' reliable COTS Select™ UPS is ideal for a range of applications in which shock and vibration, wide ambient temperature range and a dirty environment are concerns, but a fully "Rugged UPS" is not required.



MODEL		COTS-SEL01K	COTS-SEL02K	COTS-SEL03K
Capacity	VA	1000	2000	3000
	W	800	1600	2400
<b>PHYSICAL</b>				
Dimension, H x W x D (inches)		3.5 x 17 x 20 (2U)	3.5 x 17 x 25 (2U)	3.5 x 17 x 25 (2U)
Weight (lbs)		35	59	59
INPUT – Single Phase with Ground				
Low Line Transfer		80 VAC/70 VAC/60 VAC/50 VAC ± 5% or 160 VAC/140 VAC/120 VAC/110 VAC ± 5%		
Low Line Comeback		85 VAC / 75VAC / 65 VAC / 55VAC ± 5 % or 170 VAC /150 VAC/ 130 VAC /120 VAC± 5 %		
High Line Transfer		150 VAC ± 5 % or 300 VAC ± 5 %		
High Line Comeback		145 VAC ± 5 % or 290 VAC ± 5 %		
Frequency Range		45 Hz ~ 55 Hz or 56 Hz ~ 65 Hz		
Power Factor		≥0.99 @normal voltage		
<b>OUTPUT</b>				
Output Voltage		110 / 115 / 120 / 127 VAC or 208 / 220 / 230 / 240 VAC International		
AC Voltage Regulation (Battery Mode)		± 1%		
Frequency Range (Synchronized Range)		48 Hz ~ 52 Hz or 58 Hz ~ 62 Hz		
Frequency Range		50 Hz ± 0.2 Hz or 60 Hz ± 0.2 Hz		
Current Crest Ratio (CF)		3:1 (Maximum)		
Harmonic Distortion (THDU)		2% (Linear load) 8% maximum (Battery Mode)		
Transfer Time	Line Mode to Battery Mode	Zero		
	Inverter to Bypass	4 milliseconds (Typical)		
Waveform (Battery Mode)		Pure Sinewave		
Surge Energy Rating		US Domestic: 844 Joules, International: 1464 Joules		
<b>EFFICIENCY</b>				
AC Mode		86% (Typical), 88% (Peak)	88% (Typical), 90% (Peak)	
Battery Mode		83% (Typical), 86% (Peak)	85% (Typical), 88% (Peak)	
<b>BATTERY</b>				
Battery Type		12V / 7Ah	12V / 7Ah	12V / 9Ah
Number of Batteries		3	6	6
Typical Recharge Time		4 hours to 90% capacity		
Charging Current (maximum)		8.0A		
Charging Voltage		41.1 VDC	82.1 VDC	82.1 VDC
<b>INDICATORS</b>				
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator		
<b>ALARM</b>				
Battery Mode		Sounds every 4 seconds		
Low Battery		Sounds every second		
Overload		Sounds twice every second		
Fault		Continuously sounds		
<b>ENVIRONMENT</b>				
Humidity		20-90% RH @ 0°C to 50°C (non-condensing)		
Noise Level		Less than 50dBA @ 1 Meter		
Temperature Operational		0°C to 50°C		
Temperature Transportation Storage		-20°C to 50°C		
<b>MANAGEMENT</b>				
Smart RS-232 / USB		Supports Windows® 2000 / 2003 / XP / Vista / 2008, Windows® 7 / 8, Linux, Unix, and MAC		
Optional SNMP		Power management from SNMP manager and web browser		



- Higher level of performance than standard COTS products
- Affordable solution for "Semi-Rugged" applications
- Ideally suited to power instruments and communications equipment for military and industrial applications



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ISO 9001:2015 Certified  
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