

Clever Series

For stylish home and office

CS385B/ CS530B/ CS730B

- * Fully digitized microprocessor control
- * Energy saving (UPS green mode)
- * 50/60Hz frequency auto sensing
- * Buzzer can be muted by pressing "ON/OFF" button
- * Single PCB with reliable design
- * Clear LED alarms
- * Cold start (DC power on)
- * Short circuit and overload protection
- * Advanced battery management (ABM)
- * Automatic diagnostics & battery check
- * Surge protection of all outlets
- * EMI/RFI noise filter



* CS385B/ CS530B/ CS730B

Specifications

Model Name	CS385B	CS530B	CS730B
Topology	Standby		
On-battery Output Waveform	Simulated Sine Wave		
Maximum Capacity	385VA / 190W	530VA / 265W	730VA / 365W
INPUT			
Nominal Input Voltage	100V/110V/120Vac*		
Nominal Input Frequency	50Hz / 60Hz Auto Sensing		
Input Voltage Range	Related voltage $\pm 20\%$ (100Vac) ; $\pm 25\%$ (110Vac) ; $+15\% \sim -20\%$ (120Vac)		
Input Protection	Circuit Breaker		
OUTPUT			
Nominal Output Voltage	100V/110V/120Vac*		
Output Voltage Regulation	Rated Voltage $\pm 5\%$ (on battery)		
Transfer Time (Typical)	4 ms		
Start on Battery	Yes		
Auto Restart	Yes		
Number of Outlets	2 Battery backup + 2 Surge (US)		
PROTECTION			
Data line Surge Protection	RJ11 / RJ45		
Surge Energy Rating	460 Joules		
Overload Protection	UPS automatic shutdown if overload exceeds 110% at 10 seconds, 120% at 3 seconds		
Short Circuit Protection	UPS output cut off immediately		
ADVANCE WARNING / DIAGNOSTICS			
Audible Alarms	Battery Mode / Battery Low / Full Load / Overload		
BATTERY			
User Replaceable Battery	6V / 5Ah x 1	6V / 4.5Ah x 2	6V / 5Ah x 2
Typical Backup Time**	8~12 min	15~17 min	16~18 min
Recharge Time to 90%(Typical)	< 4 Hours		
COMMUNICATIOIS INTERFACE			
Communication Port	USB		
ENVIRONMENTAL			
Operation Temperature	0~40°C / 32~104°F		
Storage Temperature	-20~60°C / -4~140°F		
Audible Noise	< 40 dBA		
PHYSICAL			
Dimensions (Physical / Packing)	(in) 3.74 x 3.74 x 6.22 / 4.92 x 4.33 x 11	5.43 x 3.74 x 6.22 / 5 x 4.33 x 10.2	
(LxWxH)	(mm) 95 x 95 x 158 / 125 x 110 x 280	138 x 95 x 158 / 127 x 110 x 260	
Weight (Net / Gross)	(lbs) 3.6 / 4.0	5.5 / 6.0	
(kg)	1.6 / 1.8	2.5 / 2.7	
CONFORMANCE			
Approvals	UL / cUL		

Specifications are subject to change without notices.

* Models of these nominal voltages are available, however each model is present to certain nominal voltage, which is not user-changeable

** Typical backup time represents backup time for load equivalent to one PC and one 15" LCD monitor. Values here are for reference only!



Rear Panel

CS385B



- 1 Breaker
- 2 Battery Backup
- 3 Bypass

CS530B / CS730B



- 1 Breaker
- 2 Battery Backup
- 3 Bypass

Backup Time (Typical)

CS385B	1PC+1LCD	8~12 mins
CS530B	1PC+1LCD	15~17 mins
CS730B	1PC+1LCD	16~18 mins