Ultimate

ULTIMATE Series UPS with AVR

SCS Ultimate UPS, or Ultimate in short, is a compact home or small office power protection unit ranging from 650VA to 2000VA. Packed with power protection features such as emergency backup, voltage regulation, surge suppression and noise filtering, it offers cost-effective protection for all levels of computer users, from internet surfers, researchers, office users, graphics designers and multimedia creation just to name a few. It comes with wide input voltage regulation and correction, surge protection, easy-maintenance baterries and free UPS monitoring software. Ultimate is the compact, line-interactive "plus-and-power" UPS you will ever need.

Key Features and Benefits

- Wide input voltage range, reduce unnecessary baterry discharge and prolong battery life span. Save baterry energy for emergency use when needed the most.

- Available in convenient power range
  > 600VA, 800VA, 1000VA, 1200VA, 1500VA, and 2000VA

- Built-in super smart charger, save energy by shortening 50% of charging time.

- Precision control by microprocessor, increasing accuracy of regulation.

- Built-in cold-start capability, can provide power anytime and anywhere even without mains power.

- Battery is rechargeable in off-mode condition.

- Smart charger improves energy storage capability.

- Friendly battery replacement with the use of easily-available 7Ah or 9AH battery.

SYNERGICT POWER

Technical Specifications

Ultimate

Ultimate Model	6	8	10	12	15	20	24	30
Capacity VA / W	600/360	800/480	1000/600	1200/720	1500/900	2000/1200	2400/1440	3000/1800
Dimension, D x W x H mm	298 x 101 x 142		338 x 149 x 162		380 x 158 x 198		436 x 145 x 213	
Net weight, Kg	4.25	4.9	7.8	8	11.1	11.5	20.0	23.0

Input

Phase	Single phase, Neutral and Ground
Voltage range	162 ~ 290 @ 220 / 230 / 240 V
Frequency range	45 ~ 55 Hz
Power connection	IEC

Output

Voltage	220 / 230 / 240
Voltage regulation (baterry mode)	± 10%
Frequency range (sync range)	45 ~ 55
Frequency range (baterry mode)	50 Hz ± 1.0
Waveform	Clean pseudo-Sinewave
Transfer time	2-6ms (typical), max: 10ms
Power outlet	IEC320, min. 4 sockets

Battery

	6	8	10 – 12	15 – 20	24	30
Capacity / Voltage dc	7AH / 12V	9AH / 12V	2 x 7AH / 12V	2 x 9AH / 12V	4 x 7AH / 12V	4 x 9AH / 12V
Recharge time (to 90% capacity)	6 to 8hr					

System

LCD monitor	Input / Output / Battery / Load / Operating status	
Indicators (LED panel model)	AC Mode operation (Green LED lighting)	LED 1 (green): >100% load
		LED 2 (green): >75% load
		LED 3 (green): >50% load
		LED 4 (green): >25% load
		LED 5 (green): lighting
	Battery Mode operation (Amber LED flashing)	LED 1 (green): battery voltage >25V
		LED 2 (green): battery voltage >23V
		LED 3 (green): battery voltage >22V
		LED 4 (green): battery voltage >21V
	Fault (Red LED lighting)	
Audible alarm	Battery mode: sounding every 10 seconds	
	Battery low: sounding every second	
	Overload: sounding twice every second	
	Battery replacement: sounding every 2 seonds	
	Fault: Continuous sounding	
Relative humidity	0~95% @ 0 to 40 degree Celcius (non-condensing)	
Noise Level	Less than 40dBA @ 1 Meter	
Protection degree	IP 20	
Communication interfaces	USB, Rs232 (optional)	
Power monitoring software	Supports Windows 7, Windows Vista / XP / 2003 / 2000, Linux, Unix and MAC	
Web monitoring software	N/A	

** Product specifications are subject to change without prior notice