

SIL Series Line Interactive UPS



- Microprocessor control guarantees high reliability
- Equipped with 2-Step Boost and 1-Step Buck AVR to stabilize input voltage
- Built-in DC start function enables UPS to be started up without AC power supplied
- Auto restart when AC recovery
- Energy saving function (UPS Green mode)
- Off-mode Charging. UPS will charge itself even though power switch is off.
- Easy replaceable battery design
- Provide Modem / Phone line surge
- Provide lightning, surge, short circuit and overload protection.
- Built-in CCCV Battery charger and battery auto test.

Specification (Standard Input Range)

Model	Smart RS-232	SIL-400R	SIL-600R	SIL-800R	SIL-1000R	SIL-1200R	SIL-1500R	SIL-2000R
	Smart USB	SIL-400U	SIL-600U	SIL-800U	SIL-1000U	SIL-1200U	SIL-1500U	SIL-2000U
Capacity		400VA/240W	600VA/360W	800VA/480W	1KVA/600VA	1.2KVA/720W	1.5KVA/900W	2KVA/1.2KW
Input								
Voltage Range	110/115/120V or 220/230/240V (-30%, +25%)							
Frequency	47Hz~63Hz (Auto Sensing)							
Output								
Voltage	AC Mode	110/115/120V or 220/230/240V +/-10%						
Regulation	Batt. Mode	110/115/120V or 220/230/240V +/-10%						
Frequency	50Hz or 60Hz +/-1Hz							
Waveform	Simulated Sinewave							
Transfer Time	<6ms (Typical)							
Outlet: IEC-320/Nema5-15R		4/4	4/4	4/4	6/6	6/6	8/8	8/8
Outlet: Universal/German/French/Australian		2/3/3/3	2/3/3/3	2/3/3/3	2/3/3/3	2/3/3/3	6/6/6/6	6/6/6/6
Battery								
Battery Type & Number		12V/4.5AH	12V/7AH*1	12V/9AH*1	12V/7AH*2	12V/7AH*2	12V/9AH*2	12V/9AH*2
Recharge Time	5hr to 90% after complete discharge							
Safety Protection	Over Charge & Over Discharge Protection							
Advanced Battery Management	Yes							
Back-up Time (Load with 1PC)		10Mins	20Mins	30Mins	40Mins	40Mins	50Mins	50Mins
Display								
LED Status Indicators	Normal (Green), Battery (Yellow), UPS Cut off (Red)							
LCD Display	I/P & O/P Voltage & Frequency, Load %, Battery %							
Audible Alarm								
Battery Mode	Two short tones every 8 seconds							
Low Battery	Four short tones every second							
Overload	Beeping continuously							
Fault	Beeping continuously							
Function								
AVR (Automatic Voltage Regulation)	2 Boost + 1 Buck							
DC Start Function	Yes							
Auto Restart UPS	Yes							
Over/Under Voltage Protection	Yes							
No-load Cut-off (Green Mode)	Yes							
Silence The Audible Alarm	Yes							
Off-mode Charging	Yes							
Short Circuit Protection	AC Fuse and Electronics Circuit (Line mode); Electronics Circuit (Back-up Mode)							
Lightning / Surge Protection	99 Joules (110/115/120Vac) / 175 Joules (220/230/240Vac)							
Communication Port								
Management Software	Smart RS-232 / USB Port Shutdown Software (Supporting Window 98/NT/2000/Me/XP/2003/Vista/7/8)							
Environment								
Humidity	0-95 % RH @ 0- 40°C (Non-condensing)							
Acoustic Noise	Less than 40dB at 1M							
Safety Standard								
LVD	CE (EN62040-1-1, EN500091-1_							
EMC	FCC Part 15 Class B, CE (EN50091-2, EN61000-3-2, EN61000-3-3)							
Physical								
Dimension (W*D*H/mm)		305*98*170	305*98*170	305*98*170	385*98*170	385*98*170	360*150*160	360*150*160

- Product specifications are subject to change without further notice