



The Best *Solution* for Power System



# Uninterruptible Power Supply



- True Online Sinewave Output
- Power Factor Correction Circuit
- High Frequency PWM Technology
- Double Conversion On Line Topology
- Electronic Output Short Circuit Protection
- EMI / RFI Filter
- Computer Interface RS-232 & USB
- Intelligent / Smart Slot
- Ready for Parallel up to 4 Unit
- Automatic Battery Test
- Compact Design
- Easy to Install
- Wide Input Voltage Range
- Software Bundle
- High Efficiency
- High Reliability
- Audible and Visual Indicator
- Auto Restart
- ECO Mode Available
- EPO Function
- Settable Output Voltage

Protect your computers and sensitive equipments from any electrical disturbance.

# Technical Specification

Model		SE1102C33	SE2102C33	SE3102C33	SE4102C33
Capacity (VA/W)		10000/9000	20000/18000	30000/27000	40000/36000
INPUT					
Nominal Voltage		380 / 400 / 415 Vac (3Ph+N+PE)			
Operating Voltage Range		208 ~ 478 Vac			
Operating Frequency Range		45~55Hz / 54~66Hz (auto sensing)			
Power Factor		≥ 0.99			
Bypass Voltage Range		380Vac Max. voltage: +25% (optional +10%, +15%, +20%) 400Vac Max. Voltage: +20% (optional +10%, +15%) 415Vac Max. Voltage: +15% (optional +10%) Min. voltage: -45% (optional -20%, -30%)			
Bypass Frequency Range		Frequency synchronize tracing range: ±10%			
ECO Range		Same as bypass			
Harmonic Distortion (THDi)		≤3% (100% non-linear load)			
BATTERY					
Battery Voltage		± 120Vdc			± 240Vdc
Backup Time		10 minutes at nominal load			
Battery Configuration		External			
OUTPUT					
Output voltage		380 / 400 / 415 Vac (3Ph+N+PE)			
Power factor		0.9			
Voltage regulation		±1%			
Frequency	Line Mode	±1%/ ±2%/ ±4%/ ±5%/ ±10% of the rated frequency (optional)			
	Batt. Mode	50/60 (±0.1)Hz			
Crest factor		3:1			
Harmonic distortion (THDv)		≤2% with linear load ≤5% with non-linear load			
Efficiency		93.5%	94.5%		
SYSTEM FEATURES					
Transfer time		Utility to Battery: 0ms; Utility to Bypass: 0ms			
Overload		Load ≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1min; ≥150% change to bypass			
Short circuit		Hold Whole System			
Communication		USB, RS232, RS485, Parallel port, REPO port, Coupler dry contact Intelligent slot, SNMP card (optional), Relay card (optional), LBS port (only SE6102C33 & SE8102C33)			
ENVIRONMENTAL					
Operating temperature		0 ~ 40 °C			
Storage temperature		-25 ~ 55 °C (No battery)			
Humidity range		0 ~ 95% (Non-condensing)			
Altitude		<1500m, When >1500m, lower the rated power for use			
Noise level		<55dB	<58dB		
PHYSICAL UPS Without External Battery (UPS Only)					
Dimensions D x W x H (mm)		828 x 250 x 868			
Net weight		60	64	69	71
Gross weight		73	77	82	84
STANDARDS					
Safety		IEC/EN62040-1, IEC/EN60950-1			
EMC		IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8			

Specification are subject to change without prior notice.

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