KOSS UPS
SUSTAINABILITY

SMART NET CLAIRE SERIES

1000VA - 3000VA

LED Display or
LCD Display Selectable

Features

- Pure Sine Wave Output
- DSP Digital Control
- Boost and Buck AVR for Voltage Stabilization
- Auto Sensing Frequency
- Adjustable Charging Current and Battery Shutdown Point
- Settable ECO Mode and No-load Shutdwon
- Humanized Alarm System
- Power-on Self Test
- Cold Start
- Auto Restart When Mains Power is Restored
- Intelligent Battery Management
- Short Circuit and Overload Protection
- Automatic Charging in Off Mode
- USB & RJ45, AS400 / SNMP (optional) Communication Port

3 Years Full Warranty For Parts and Labour. 2 Years For Battery.

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Rear Panel

1. USB / RJ45
2. Output Outlets
3. EXT Battery (optional)
4. AC Breaker
5. Input
6. SNMP (optional)
7. Fan

MODEL		SNC-1000R	SNC-1500R	SNC-2000R	SNC-3000R
Capacity		1000 VA / 800 W	1500 VA / 1200 W	2000 VA / 1600 W	3000 VA / 2400 W
DC INPUT					
Rated voltage		24 V		36 V (S) 48 V (H)	48 V
DC input range (default)		20 ~ 30 V		30 ~ 45 V (S) 40 ~ 60 V (H)	40 ~ 60 V
AC INPUT					
AC input range (bypass mode)		0 ~ 121 / 132 / 138 / 144 Vac for 100 / 110 / 115 / 120 Vac ± 10 Vac 0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 / 240 Vac ± 10 Vac			
AC input range (mains mode)		100 V: 70 ~ 130 Vac 110 V: 80 ~ 140 Vac 115 V: 85 ~ 145 Vac 120 V: 90 ~ 150 Vac 200 V: 145 ~ 260 Vac 220 V: 165 ~ 280 Vac 230 V: 175 ~ 290 Vac 240 V: 185 ~ 300 Vac			
Frequency input range		50 / 60 Hz (auto–sensing), 50 / 60 Hz ± 5% ~ 15%			
Generator connection		Available (generator input power is settable)			
OUTPUT					
Inverter output range		100 / 110 / 115 / 120 / 200 / 220 / 230 / 240 Vac ± 5% (settable)			
AC output range (bypass mode)		0 ~ 121 / 132 / 138 / 144 Vac for 100 / 110 / 115 / 120 Vac ± 10 Vac 0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 V / 240 Vac ± 10 Vac			
AC output range (mains mode)		100 V: 90 ~ 110 Vac 110 V: 99 ~ 121 Vac 115 V: 103 ~ 126 Vac 120 V: 108 ~ 132 Vac 200 V: 166 ~ 226 Vac 220 V: 188 ~ 245 Vac 230 V: 199 ~ 254 Vac 240 V: 210 ~ 264 Vac			
Output frequency		50 / 60 Hz ± 0.3 Hz (settable)			
Waveform		Pure sine wave			
Inverter efficiency		Max. 80%		Max. 85%	
Energy saving mode		Settable (< 3% load) , enter in 80 s			
No–load shutdown		Settable (< 3% load), shut down in 80 s			
Transfer time		⩽ 10 ms			
THDV (resistive load)		⩽ 5%			
Protections		Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperature			
Overload (mains mode)		110% for 120 s, 125% for 60 s, 150% for 10 s (transfer to bypass mode)			
Overload (inverter mode)		110% for 60 s, 125% for 10 s, 150% for 5 s (shut down directly)			
Mute		Automatic mute in 60 s or by manual			
BATTERIES					
Inbuilt battery (standard model)		12 V / 7 Ah x 2	12 V / 9 Ah x 2	12 V / 9 Ah x 3	12 V / 9 Ah x 4
Charging current		Standard model (S): 1 A (default)			
		Long time model (H): 10 A (default); < 10 A, set step 1 A; ⩾ 10 A, set step 5 A			
		Max. 15 A (H)	/	Max. 20 A (H)	Max. 25 A (H)
Equalizing charge voltage		Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable			
Floating charge voltage		Single battery 13.5 Vdc (default), 13.2 ~ 14.6 Vdc adjustable			
Low voltage alarm point		Single battery 10.8 Vdc (default), 9.6 ~ 13 Vdc adjustable			
Low voltage shutdown point		Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable			
OTHERS					
Communications		USB & RJ45 (standard), dry contacts / SNMP (optional)			
Operating temperature		5℃ ~ 40℃			
Operating humidity		Relative humidity ⩽ 93%			
Noise level		⩽ 50 dB (1 m)			
Rack–mount	Dimensions (W × D × H) (mm)	440 × 338 × 88 (S)	440 × 410 × 132 (S)		
	Packaged dimensions (W × D × H) (mm)	611 × 448 × 208 (S)	611 × 505 × 235 (S)		
	Net weight (kg)	14.6 (S)	17.2 (S)	21.3 (S)	26.7 (S)
	Gross weight (kg)	16.8 (S)	20.4 (S)	24.5 (S)	30.5 (S)

- S means standard model, H means long time model.
- All specifications are subject to change without notice.
- Custom–made specifications are acceptable.

POWER LOGIC
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