



Neta PRO 3000

The network sentinel

Specifications

Capacity	3000 VA / 2700 W
Type	On line
Input	
Nominal Voltage	230 VAC
Accepted Voltage Range	120-300 VAC (Based on load at 50%) 180-280 VAC (Based on load at 100%)
Frequency Range	40Hz ~ 70 Hz
Power Factor	≥ 0.90 @ nominal voltage (100% load)
Output	
Output Voltage	200/208/220/230/240 VAC*
Voltage Regulation	±1%
Frequency Range (Synchronized Range)	57 ~ 63 Hz
Frequency Range (Battery Mode)	50 Hz or 60Hz ± 0.5 %
Waveform (Batt. Mode)	Pure Sinewave
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)
Current Crest Ratio	3:1
Transfer Time	
AC Mode to Battery Mode	Zero
Inverter to Bypass	4 ms (Typical)
Efficiency	
To AC Mode	90 % at full charged battery
To Battery Mode	88 % at full charged battery
ECO Mode	95 % at full charged battery
Indicators type	
LCD Display	Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators
Alarm	
Battery Mode	Sounding every 4 seconds

* Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC



Pure Sine
Wave Output



Zero
Transfer Time



ECO Mode
for energy saving

- True Double Conversion Technology
- Microprocessor control optimizes reliability
- Software Management
- Up to 90% Efficiency Rates
- Converter mode available
- Input power factor correction
- Output Power Factor 0.9
- LCD Display
- USB & RS232 Port Communication
- Smart SNMP card supported
- Tower topology
- Generator compatible



Low Battery	Sounding every second
Overload	Sounding twice every second
Fault	Continuously sounding
Protection	
Outlets type	4 x Schuko Battery Backup & Surge Protection
Full protection	Overload, Overvoltage, Discharge & Overcharge protection Input spike protection Short circuit protection
Surge rating energy	760 Joules
Environement	
Humidity	20-90 % RH @ 0-40°C (non-condensing)
Noise level	Less than 50dB
Battery	
Battery Type & Number	6 x HR09122F (BTVACIUOCTD2FBT01B)
Battery Voltage	12V
Typical Recharge Time	4 hours up to 90% capacity
Charging Voltage	82.1 VDC $\pm$ 1%
Charging Current (max.)	1.0 A
Battery Compatibility	nJoy HR09122F
Running time on battery (minutes)	25% Load - 26 min 50% Load - 10 min 75% Load - 6 min 100% Load - 3 min



Management

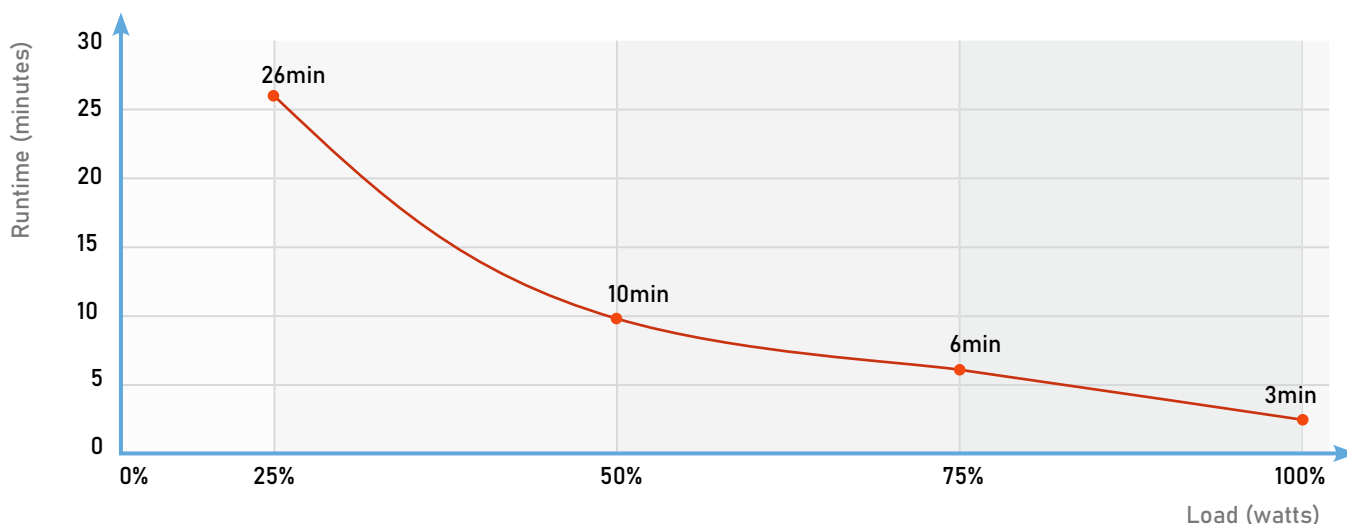
Connection port	RS232 / USB / Intelligent Port
Software capability	Monitor & Control over USB, LAN and Internet (SNMP card optional)

Physical

Product dimensions	421 x 190 x 318 mm
Product weight	27.6 kg
Cable length	1.8 m
Retail pack dimensions	560 x 320 x 460 mm
Retail pack weight	33.1 kg



Running time on battery



Logistics

Carton Box Size (LxWxH)	560 x 320 x 460 mm
Pieces in the Carton Box	1 pcs / ctn
Net & Gross weight / CTN	N.W. / G.W.: 27.6 kg / 33.1 kg



Certificates

RoHS 





Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Range		VA Power		Typology	
AR	Aria	10H	1000 VA	TO	Tower
ED	Edoc	20H	2000 VA	BR	Brick
NE	Neek	30H	3000 VA	1U	Rack (1U)
NK	Nekot			2U	Rack (2U)
NO	Notner			3U	Rack (3U)
NT	Neta			CO	Rack (2U) / Convertible
NU	Nurag				
OH	OhcePRO				
RD	Redlab				
RS	Resta				
RT	Retos				
RG	Regnar				
SU	Suroh				
UD	Udac				
▲		▲		▲	
NT	SP	30H	27H	TO	PW
▼		▼		▼	
Single Phase		900 w		Pure Sine Wave	
3 Phase In - 3 Phase Out		1800 w		Simulated Sine Wave	
3 Phase In - 1 Phase Out		2700 w			
SP		9H		PW	
33		18H		SW	
31		27H			
Phase		W Power		Output waveform	

Example Part Number	
Description	Part Number
Neta PRO 3000 Single Phase Tower Pure Sine Wave UPS unit	NESP30H27HTOPW

Neta PRO 3000

