



3 kVA

HETEOS 100 SERIES

UNINTERRUPTIBLE POWER SUPPLIES

1 phase in / 1 phase out

GENERAL SPECIFICATIONS

- True online double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage
- Converter mode available
- ECO mode for energy saving
(Only available for 1-3kVA models)
- Generator compatible
- Comprehensive display allows easy monitoring and access to UPS status





Heteos 3000

TECHNICAL SPECIFICATIONS

Australia: sales@heliosps.com.au - New Zealand: sales@heliosps.co.nz - Asia & Middle East: sales@heliosps.asia

MODEL		Heteos 3000
Phase		1 Phase In / 1 Phase Out
Capacity		3000VA / 2700W
INPUT		
Nominal voltage		100/110/115/120/127 Vac or 200/208/220/230/240 Vac
Input voltage range		55-150 Vac \pm 5% or 110-300 Vac \pm 5% @ 50% load 80-150 Vac \pm 5% or 160-300 Vac \pm 5% @ 100% load
Frequency range		40-70Hz
Power factor		\geq 0.99
OUTPUT		
Output voltage		100/110/115/120/127 Vac or 200/208/220/230/240 Vac
AC Voltage regulation		\pm 1%
Frequency range		47 ~ 53Hz or 57 ~ 63Hz (Synchronized Range)
Output Frequency Tolerance		50Hz or 60Hz \pm 0.5% (Batt. Mode)
Short circuit characteristic		Electronic short-circuit protection, current limit to 2.2 times In for \geq 100ms
Harmonic distortion		\leq 2 % THD (Linear Load), \leq 4 % THD (Non-linear Load)
Transfer Time	AC Mode to batt. mode	Zero
	Inverter to bypass	4 ms (Typical)
Waveform (Batt. mode)		Pure Sinewave
EFFICIENCY		
AC mode		91%
Battery Mode		90%
BATTERY		
Battery type		Valve Regulated Lead Acid (VRLA): 12V / 9AH
Numbers		6 pcs
Typical Recharge Time		4 hours recover to 90% capacity
Charging current (max.)		1.5 A
Charging voltage		82.1 VDC \pm 1%
INDICATORS		
LCD Panel		UPS status control LEDs, command keys: Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
ALARM		
Battery mode		Sounding every 4 seconds
Low battery		Sounding every second
Overload		Sounding twice every second
Fault		Continuously sounding
PHYSICAL		
Dimension HxWxD (mm)		421x190x318
Net Weight (kg)		27.4
ENVIRONMENT		
Operating Temperature		0-40 °C
Operating Humidity		0-95 %RH
MANAGEMENT		
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, 7/8/10, Linux and MAC
Optional SNMP		Power management from SNMP manager and web browser