

YOUR BACK-UP POWER SOLUTION

• Commercial • Medical • IT Applications



MERCURY PLUS

UNINTERRUPTIBLE POWER SUPPLIES

1000VA, 2000VA and 3000VA



Online High Frequency UPS Series

- Online double conversion
- Output power factor 0.8
- ECO mode for energy saving
- Generator compatible

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to you by:

Siyaphambili Telecoms

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UNINTERRUPTIBLE POWER SUPPLIES

Mercury Plus: 1000VA, 2000VA and 3000VA

| MODEL | | | |
|--------------------------------|---|------------------|------------------|
| Phase | Single phase with ground | | |
| Capacity (VA / WATTS) | 1000 VA / 800 W | 2000 VA / 1600 W | 3000 VA / 2400 W |
| INPUT | | | |
| Normal Voltage | 230VAC | | |
| Input Voltage Range | 160-280VAC | | |
| Frequency Range | 50Hz | | |
| Power Factor | 0,99 | | |
| OUTPUT | | | |
| Output Voltage | 230VAC | | |
| Voltage Regulation | ± 1% | | |
| Frequency Range (Utility mode) | Line Mode (Synchronized Range) | 57-63 Hz | |
| | Batt. Mode | (50 ± 0.25) Hz | |
| Harmonic Distortion (THDv) | ≤ 3 % THD (Linear Load) | | |
| | ≤ 6 % THD (Non-linear Load) | | |
| Waveform (Batt. mode) | Pure Sinewave | | |
| Transfer Time | AC Mode <-> Batt. Mode | Zero | |
| | Inverter <-> Bypass | 4 ms (Typical) | |
| | | | |
| EFFICIENCY | | | |
| AC Mode | 88% | 89% | 90% |
| Battery Mode | 83% | 87% | 88% |
| BATTERY | | | |
| Battery Type | 12 V / 9 Ah | 12 V / 9 Ah | 12 V / 9 Ah |
| Numbers | 2 | 4 | 6 |
| Typical Recharge Time | 4 hours recover to 90% capacity | | |
| Charging Current (max) | 1:00 AM | | |
| Charging Voltage | 27.4 VDC ± 1% | 54.7 VDC ± 1% | 82.1 VDC ± 1% |
| INDICATORS | | | |
| LCD | Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators | | |
| ALARM | | | |
| Battery Mode | Sounding every 4 seconds | | |
| Low Battery | Sounding every second | | |
| Overload | Sounding twice every second | | |
| Fault | Continuously sounding | | |
| PHYSICAL | | | |
| Dimensions (WxDxH) mm | 282 x 145 x 220 | 397 x 145 x 220 | 421 x 190 x 318 |
| Net Weight (kg) | 9.8 | 17 | 27.6 |
| ENVIRONMENT | | | |
| Humidity | 20-90 % RH @ 0- 40°C (Non-condensing) | | |
| Noise Level | Less than 50dB @ 1 Meter | | |
| MANAGEMENT | | | |
| Smart RS-232/USB | Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC | | |
| Optional SNMP | Power management from SNMP manager and web browser | | |
| SUITABLE APPLICATION | Commercial, Medical, IT Applications | | |

* Due to continuous product improvements specifications are subject to change without further notice.

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All products are manufactured to the following standards:

