



Zephyr

Mono-conversion technology

HS Code : 85040

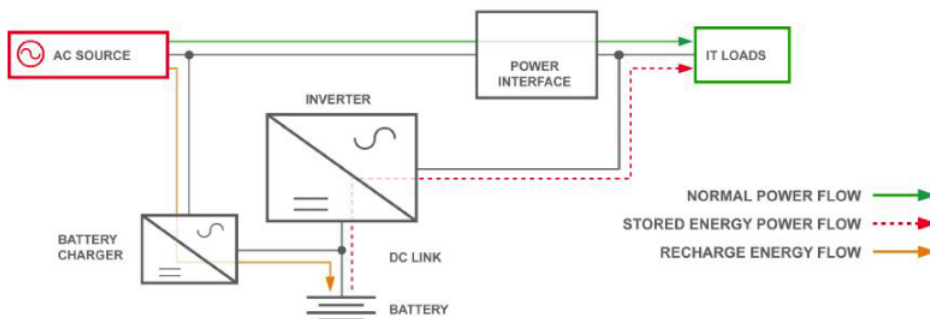
Simple and economical

The Zephyr series of IPOWER is a Single Conversion Technology Uninterruptible Power Supply (UPS)

In normal operation, these feed incoming utility AC power to IT equipment. If the AC input supply falls out of predefined limits, the UPS utilizes its inverter to draw current from the battery, and also disconnects the AC input supply to prevent backfeed from the inverter to the utility. The UPS stays on battery power until the AC input returns to normal tolerances or the battery runs out of power, whichever happens first. Two of the most popular single-conversion designs are standby and line-interactive:

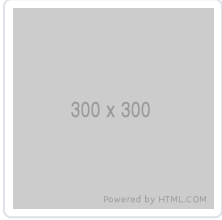


- Standby UPSs allow IT equipment to run off utility power until the UPS detects a problem, at which point it switches to battery power. Some standby UPS designs incorporate transformers or other devices to provide limited power conditioning as well.
- Line-interactive UPSs regulate input utility voltage up or down as necessary before allowing it to pass through to protected equipment. However, like standby UPSs, they use their battery to guard against frequency abnormalities.



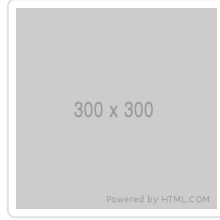
Perks

1 Default title



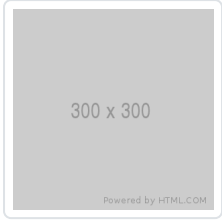
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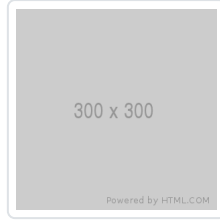
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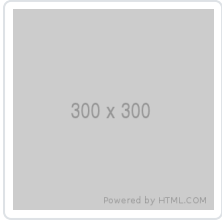
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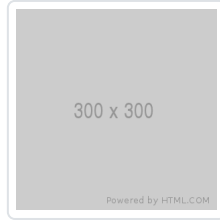
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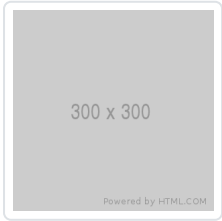
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6 Default title



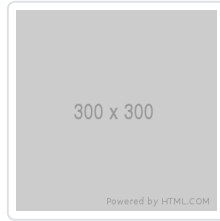
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7 Default title



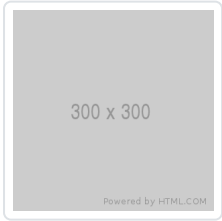
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8 Default title



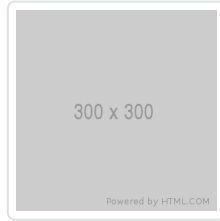
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9 Default title



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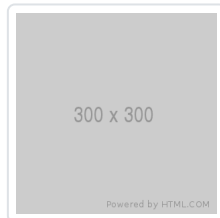
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None

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None

Views

Specifications Zephyr



| Description | Zephyr 1 KVA | Zephyr 2 KVA | Zephyr 3 KVA |
|------------------------|---|-------------------|-------------------|
| Capacity (W) | 700 | 1400 | 2100 |
| Screen | Display | | |
| LCD | | | |
| Input Voltage | 145 – 275 Vac | | |
| Input Frequency | 48 – 54Hz (same as Vac) | | |
| Overload protection | Fuse protected | | |
| OUTPUT | | | |
| Output Voltage | 220 Vac \pm 5% | | |
| Output Frequency | 50 \pm 0.5 Hz | | |
| Power Factor | 0.7 | | |
| Sine-wave | Pure | | |
| Overload Capacity | 110 % @ 60sec | | |
| | 120 % @ 5sec | | |
| Overload protection | Power off after 20ms | | |
| Batteries | | | |
| Battery Type | Maintenance free VRLA (Valve Regulated Lead Acid) batteries | | |
| DC Current | 24 V | 48 V | |
| Standard Configuration | 12V 7Ah X 2 units | 12V 7Ah X 4 units | 12V 9Ah X 4 units |
| Charging Current | 2 - 5A | | |
| Recharge Time | 6 - 8 hrs for 90 % capacity | | |
| Physical | | | |
| Net Weight (Kg) | 23.8 | 30.2 | 34.5 |
| Environment | | | |
| Temperature | 0 °C - 40 °C/ Humidity | | |
| Noise | \leq 40dB (1m) | | |
| Altitude | < 1000m | | |
| Management | | | |
| USB & RS232 | Optional | | |

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