



UNBEATABLE PERFORMANCE

Convergence Inverter / Home UPS

Domestic Inverter / Home Ups Series

Features :

- PWM Technology Inverter
- SCR Based Charger
- Ultrafast Changeover to support PC*
- Userfriendly Display
- Noiseless, Pollution Free
- Small and Elegant
- Suitable for Home/SOHO/SME Segment

Sinewave Inverter series

Features :

- Micro Controller/DSP Based Design
- SMPS Based Charger
- Sinewave Output Supports all Type of Load
- Charging Current 7 to 25A
- Lightning Fast Charging in 4-6 Hours
- Ultrafast Changeover to Support PC*
- Noiselsess, Pollution Free
- Suitable for Home/SOHO/SME Segment



Ratings : 600VA to 5KVA

www.convergenceups.net



TECHNICAL SPECIFICATION

Convergence Quasi Domestic Inverter/Home UPS

Convergence Sinewave Domestic Inverter/Home UPS

| | | | | | | | | | | | | | | | | | | |
|-----------------------|--|------------|---------|-----------------|---------|-----------|--|-----------|---------|-----------------|---------|--|-----------------|--|--|-----------------|--|--|
| UPS Rating | 600VA | 800VA | 1400VA | 2KVA | 3KVA | 5KVA | 800VA | 1400VA | 2KVA | 3KVA | 5KVA | | | | | | | |
| Model Number | IDX600 | IDX800 | IDX1400 | IDX2000 | IDX3000 | IDX5000 | IXS800 | IXS1400 | IXS2000 | IXS3000 | IXS5000 | | | | | | | |
| INPUT | | | | | | | | | | | | | | | | | | |
| Voltage AC | 120-280 V - Inverter / 180 - 260V - Home UPS | | | | | | | | | | | | | | | | | |
| Voltage DC | 12VDC | 24VDC | 48VDC | 72VDC | 12VDC | 24VDC | 48VDC | 96/120VDC | | | | | | | | | | |
| Frequency | 50Hz +/- 10% | | | | | | | | | | | | | | | | | |
| Phase | Single Phase 3 Wire (P+N+E) | | | | | | | | | | | | | | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | |
| Voltage (Inverter) | 220V AC +/- 10% | | | | | | | | | | | | | | | | | |
| Frequency (Inverter) | 50Hz +/- 0% | | | | | | | | | | | | | | | | | |
| Waveform | Synchronised Stepped Sine Wave | | | | | | Sine Wave | | | | | | | | | | | |
| Power Factor | 0.7 | 0.8 | 0.7 | 0.8 | | | | | | | | | | | | | | |
| Efficiency | >85% | | | | | | >90% | | | | | | | | | | | |
| Backup Time | Up to 4 Hours | | | | | | | | | | | | | | | | | |
| Transfer Time | <25 Ms Inverter / <4Ms Home UPS | | | | | | | | | | | | | | | | | |
| Protections | Low Battery, Short Circuit, Overload, Over Charging | | | | | | | | | | | | | | | | | |
| Charger | SMPS / SCR Controlled | | | | | | SMPS | | | | | | | | | | | |
| GENERAL | | | | | | | | | | | | | | | | | | |
| Operating Temperature | 0 - 45 Deg C | | | | | | | | | | | | | | | | | |
| Relative Humidity | 0 to 95% Non Condensing | | | | | | | | | | | | | | | | | |
| Indications | Main ON, Inverter ON, Low Battery, Overload, Batt Charging | | | | | | | | | | | | | | | | | |
| Alarm | Battery ON, Low Battery, Over Load | | | | | | Battery ON, Low Battery, Over Load, Changeover | | | | | | | | | | | |
| Noise level | <50DB | | | <52DB | | | <50DB | | | <52DB | | | | | | | | |
| Input Connection Type | 3 Pin 5A | 3 Pin 15A | Strip | | | 3 Pin 5A | 3 Pin 15A | Strip | | | | | | | | | | |
| Output Connection | 5A Socket | 15A Socket | Strip | | | 5A Socket | 15A Socket | Strip | | | | | | | | | | |
| Dimensions | L X W X H mm | | | L X W X H mm | | | L X W X H mm | | | L X W X H mm | | | | | | | | |
| | 450 x 420 x 200 | | | 240 x 400 x 330 | | | 340 x 585 x 560 | | | 450 x 420 x 200 | | | 405 x 365 x 310 | | | 340 x 585 x 560 | | |

Mfd. By :
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www.convergenceups.net

Authorised Dealer :