

H SERIES

**NEMA RATED UPS SYSTEMS
PROVIDING THE HIGHEST RELIABILITY IN
HARSH ENVIRONMENTS**

- Double Conversion Technology.
- Rugged Design ensures reliable power in the most severe and harsh environments.
- The highest level of protection against spike, sags, brownout and power outages.
- Temperature compensated battery charger. Means longer battery life and increased reliability.
- RS 232 Port and LCD function display
- Built-In automatic Failsafe Bypass Circuit.
- Modular power modules are used to increase the systems rated capacity.
- Full range of options can be added to increase the systems flexibility and adaptability.



SPECIFICATIONS

| MODELS | 1.0H | 1.5H | 2.0H | 3.0H | 4.0H | 6.0H |
|----------------------------|--|----------------|----------------|----------------|---------------|---------------|
| KVA RATING | 1.0 KVA | 1.5 KVA | 2.0 KVA | 3.0 KVA | 4.0KVA | 6.0KVA |
| REAL OUTPUT POWER | 700 Watts | 1000 Watts | 1400 Watts | 2000 Watts | 3000 Watts | 4000 Watts |
| DIMMENSIONS | SIZE IS RATING AND OPTION DEPENDANT | | | | | |
| MOUNTING | PAD OR FLOOR | | | | | |
| WEIGHT W/O BATTERY | 109 LBS | 121LBS | 144LBS | 1 52 LBS | 200LBS | 285LBS |
| CONSTRUCTION | Aluminum | | | | | |
| INPUT CONNECTION | Hardwire | | | | | |
| OUTPUT CONNECTION | Hardwire | | | | | |
| BATTERY CONNECTIONS | Anderson 50 AMP Connector | | | | | |
| ELECTRONICS | High Frequency Double Conversion | | | | | |

OPERATION

| | |
|------------------------------|---|
| NOMINAL INPUT VOLTAGE | 120VAC |
| INPUT RANGE | 80 to 145VAC |
| OPERATING FREQUENCY | 50/60HZ Autosensing |
| OUTPUT VOLTAGE | 120VAC |
| OUTPUT REGULATION | +/- 2% |
| OVERLOAD CAPACITY | Up to 200% |
| ON-BATTERY VOLTAGE | 120VAC |
| BATTERY VOLTAGE | 72VDC & 120VDC (1.0H 48VDC) |
| OUTPUT FREQUENCY | Phase Locked to input under normal conditions |
| OUTPUT PROTECTION | Electronic overload, Short circuit protected, Rated Fuse. |
| DC PROTECTION | Fuse or Circuit Breaker, with Reverse Polarity / Short Circuit Protection |
| BATTERY CHARGER | 3 Step Hysteresis type, Temperature Compensated. |
| RECHARGE | 12 HRS Maximum |
| EFFICIENCY | UP TO 90% |
| COMMUNICATIONS | Full duplex, RS 232 PORT-9 pin, LCD DISPLAY |
| LED'S | AC line, Charger, Battery Power, Bypass |
| AUDIBLE ALARMS | Low Battery, Bypass, UPS Fail |
| DRY CONTACTS | AC-Fail, On Battery, Bypass UPS-Fail, 120 VAC Rating @1 amps |

ENVIRONMENTAL

| | |
|------------------------------|---------------------------|
| OPERATING TEMPERATURE | -40C(40F) TO + 75C (175F) |
| STORAGE TEMP | -40C(40F) TO + 75C (175F) |
| RELATIVE HUMIDITY | UP TO 95% Non Condensing |
| ALTITUDE | 3000M Without derating |

Authorized Distributor

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