



Hercules-RT-IoT series Superior Group

★ General ★★ Better ★★★ Unique

System

- ★ True online double conversion Topology
- ★ DSP Control
- ★★★ Site wiring check system
- ★★ Communication ports: RPO, Dry in, Dry out, intelligent slot, USB, RS232

Performance

- ★★★ - Over Voltage Cut-Off device (OVCD) Up to 400 V.
- ★★★ - 1.0 Output Power Factor
- ★★ - Output THDv <1% linear load

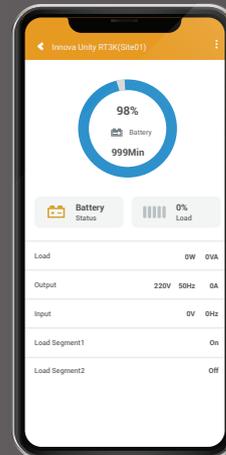
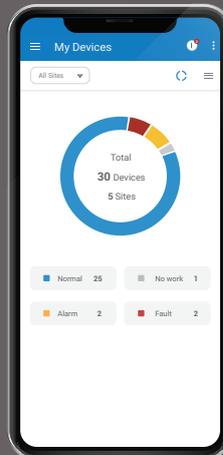
Operation mode

- ★ Normal Mode : Control V./ freq. sync. to line
- ★ ECO Mode : via bypass within Programable range
- ★ Freq. Mode : Control both V. & F.
- ★ Start-able without battery (AC Start)

User Interface

- ★★ - Load segments
- ★★ - High Efficiency ECO Mode
- ★★★ - Dot-matrix LCD, it support Multi-Language
- ★★★ - IoT: Ethernet(default) and Wireless (Optional)

WinPower View APP



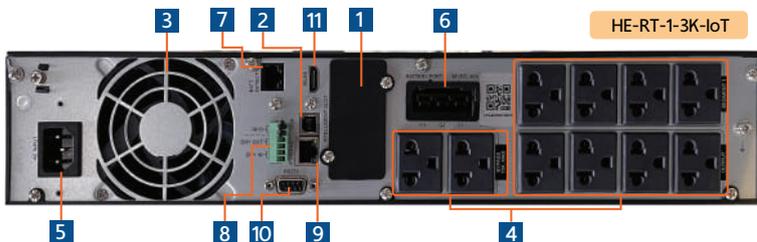
Scan this QR Code to
Download APP



for Android

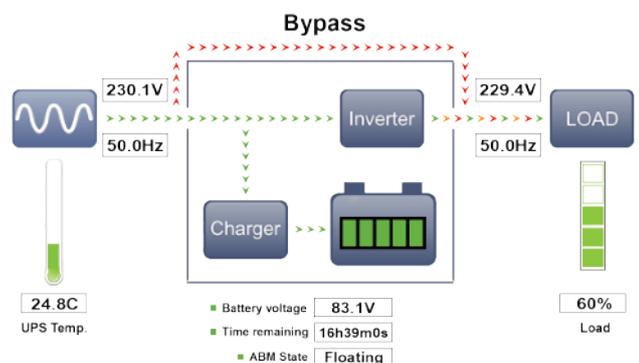


for IOS



- | | | |
|---------------------|--------------------|-------------|
| 1. Intelligent Slot | 5. Input Power | 9. Ethernet |
| 2. USB | 6. Battery Port | 10. RS232 |
| 3. Cooling Fan | 7. Batt Detection | 11. WLAN |
| 4. Outlet | 8. Dry In ,Dry Out | |

Power Management Software



มอก. 1291 เล่ม1 - 2553
มอก. 1291 เล่ม2 - 2553
มอก. 1291 เล่ม3 - 2555



Product Information

| MODEL | | HE-RT-1K-IoT | HE-RT-2K-IoT | HE-RT-3K-IoT |
|-------------------------|------------------------------|---|---|------------------|
| CAPACITY | VA/WATT | 1KVA / 1KW (PF1) | 2KVA / 2KW (PF1) | 3KVA / 3KW (PF1) |
| INPUT | Voltage Range | 160 ~ 300V 100% load, 110 ~ 160V derating to 50% load linearly | | |
| | Frequency Range | 50 / 60 Hz | | |
| | Phase | Single phase with ground | | |
| | Power Factor | ≥ 0.99 | | |
| | Generator Input | 1.5 x UPS Rating Power | | |
| OUTPUT | Voltage Range | 200 / 208 / 220 / 230 / 240 Vac ± 1% (selectable) | | |
| | Phase | Single phase with ground | | |
| | Frequency Range | 50 / 60 Hz | | |
| | Current Crest Ratio | 3:1 | | |
| | Harmonic Distortion | <1% Linear load; <4% Non-linear load | | |
| | Protection | Short Circuit Protection | | |
| | Output Waveform | Pure Sinewave | | |
| | Outlet | 8 Thai Universal + 2 Bypass | | |
| | Overload Capacity | Line Mode | 5 min @ 105%~125% ; 30 sec @ >125% ~ 150% ; 500 ms @ > 150% | |
| | Battery Mode | | | |
| EFFICIENCY | AC Mode | 91% | 93% | |
| | Battery Mode | >89% | >92% | |
| | ECO Mode | 97% | | |
| BATTERY | Number of Batteries | 3 | 6 | |
| | Battery Capacity (Ah) | 12V / (7/9)Ah | | |
| | Backup Time (depend on load) | >15 min | | |
| | Recharge Time (to 90%) | 3 Hours | | |
| | Charging Current (Max.) | 2A | | |
| | Battery Type | Sealed Lead Acid Maintenance Free | | |
| TRANSFER TIME | AC to DC | Zero | | |
| INDICATOR | LCD | Input / Output information | Voltage / Frequency / Utility Present / Utility Lost | |
| | | Load information | Amp / Watt / VA / Overload / Load level / % Load | |
| | | Battery information | Voltage / Battery Level / % Battery / Remaining Time / Charging Mode | |
| | | Mode information | Operating Mode Icon / Warning / Operating-Fault-Warning Message / Internal Temperature | |
| | | Language | 8 languages : English / Italian / French / German / Spanish / Russian / Polish / Simplified Chinese | |
| | LED | Line Mode(Green) / Battery Mode(Orange) / Bypass Mode(Orange) / Fault Mode(Red) | | |
| ALARM | Battery Mode | Sounding every 4 seconds | | |
| | Low Battery | Sounding every second | | |
| | Overload | Sounding twice every second | | |
| | Fault | Continuously Sounding | | |
| DIMENSION | W x H x D mm | 85.5 x 438 x 445 | 85.5 x 438 x 600 | |
| WEIGHT | kg | 8.1 | 10.7 | |
| ENVIRONMENT | Operating Environment | 0-40° C | | |
| | Relative Humidity | 0-95% (NON-CONDENSING) | | |
| COMMUNICATION | Noise Level | <45dB @ 1 Meter | <50dB @ 1 Meter | |
| | USB | Software supports Windows Family, Linux, Sun Solaris, IBM AIX, Compaq True64, SGI IRIX, FressBSD, HP-UX and MAC | | |
| | Dry Contact | RPO ,Dry in ,Dry out | | |
| | IoT & Modbus TCP | Built-in ethernet port with Winpower View mobile app | | |
| | Smart Slot (Option) | SNMP Adapter/ AS400 Relay Card / RS485 | | |
| INTERNATIONAL STANDARDS | Product standard | TIS 1291 Part 1-2553 , TIS 1291 Part 2-2553 , TIS 1291 Part 3-2555 Class C1 | | |
| | QMS | Certified Quality Management System ISO9001 | | |
| | EMS | Certified Environmental Management System ISO14001 | | |



มอก. 1291 เล่ม1 - 2553
มอก. 1291 เล่ม2 - 2553
มอก. 1291 เล่ม3 - 2555



Syndome Electronics Industry Co.,Ltd.
66 ซอยประชาอุทิศ 59 แขวง 3 เขตคลองเตย กรุงเทพมหานคร 10140
Tel: (662)8726900 (auto) Fax: (662)8726909
URL: <http://www.syndome.com> Email: public@syndome.com
Line: @syndome Facebook: www.facebook.com/official.syndome