



Hercules-IOT series Superior Group

★ General ★★ Better ★★★ Unique

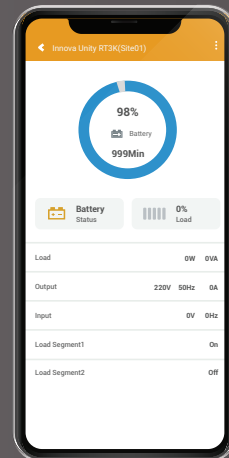
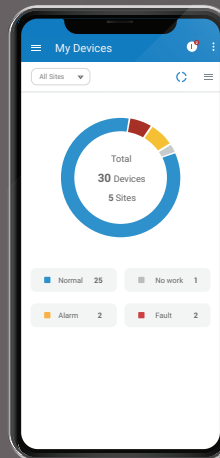
System

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

Performance

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

WinPower View APP



Scan this QR Code to
Download APP



for Android



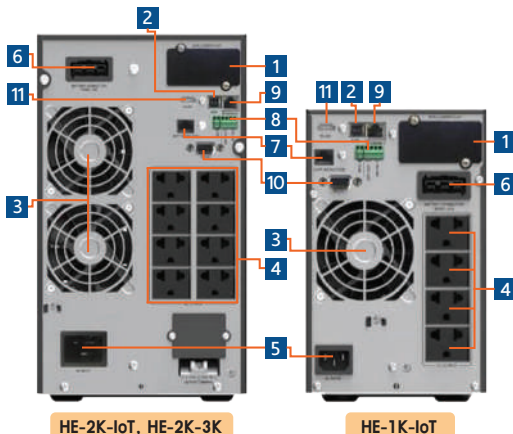
for IOS

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

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

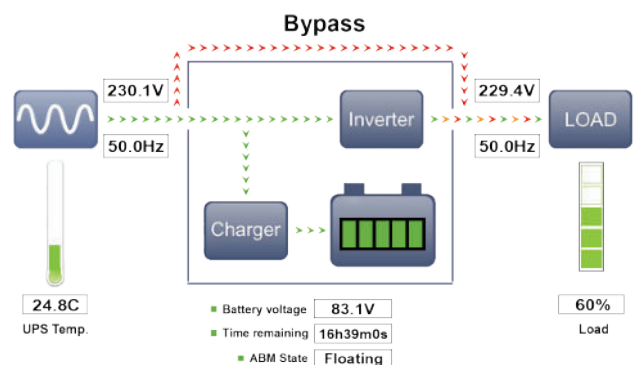


HE-2K-IoT, HE-2K-3K

HE-1K-IoT

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

Power Management Software



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



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Product Information

MODEL			HE-1K-IOT	HE-2K-IOT	HE-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		4 Thai Universal	8 Thai Universal + 1 Terminal	
	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		144 x 229 x 345	192 X 318 X 428	
WEIGHT	kg		9.4	22.2	
ENVIRONMENT	Operating Environment		0-45° 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



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