

Mars Intelligent On-line UPS

In today's world we are heavily reliant on technology and the power that drives it. If you do not have the correct protection you are putting your business at risk of downtime, lost data and even component damage. The intelligent Mars series is a cost effective way of meeting your critical power needs and integrated seamlessly into the modern network environment.

- Double Conversion Online Technology
- Unity Input Power Factor
- Single-Chip Microprocessor Control
- · Pure Sine Wave Output
- · User Friendly Display
- Smart RS232 Communication Interface
- User-friendly Plug and Play Design
- Customer Options Slot
- Matching Battery Cabinet
- Optional Powerful Charger Available



Easy Communication



Plug & Play



Extended Backup Time



Self-Diagnostics

Mars Intelligent On-line UPS

Unity Input Power Factor

Meets today's industry standard for energy saving and low reflected harmonic pollution to the Utility.

Single-Chip Microprocessor Control

The Mars series uses a field proven MPU to substantially reduce the component count. This provides greater reliability, functionality and smaller size than other designs. Using the latest high frequency techniques and quality components reliability is further increased. High system efficiency is achieved in all operating modes saving electricity.



User Friendly Display

The front panel clearly communicates all major system parameters and system status including load level, battery remaining and fault status for easy service.



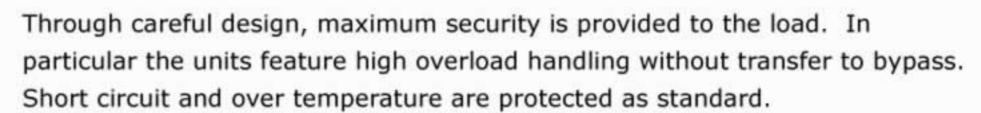
User Friendly Plug and Play Design

The Mars series can easily be installed by the end user. All units up to 2KVA are supplied with input cables and IEC output cables as standard. For convenience, we also add local sockets in addition to IEC outlets.



Complete Protection Circuitry

The Mars series was designed with toaday's technology in mind and is particularly suited to computer and telephony switch mode power supply.



The input PFC circuitry can handle very wide range of AC input voltages to avoid the frequent use of Battery energy. Consequently, the system security and battery life can be maximized ensuring that the batteries are available when you need them most... Power failures!



Customer Options Slot

A true RS232 communication port is supplied as standard with each UPS. This can be used with the software provided or an external SNMP adapter. The options slot allows further flexibility in network configuration. Three cards are available: an internal SNMP card, AS400 card or a true relay card to provide isolated contacts for industrial and remote alarm panel applications.



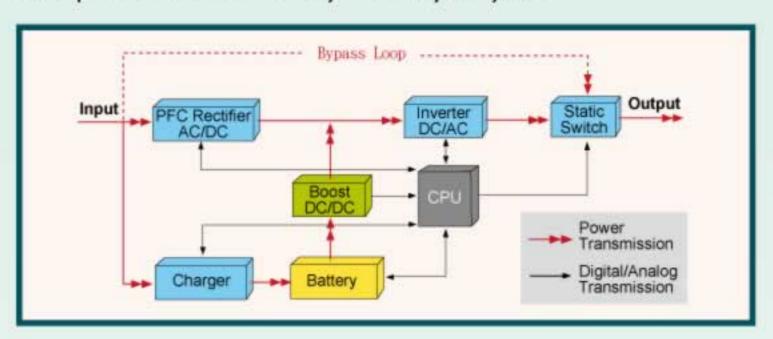






Double Conversion On-Line Technology

Completely re-generates the utility power to correct the power disturbances in the Mains. The unit provides clean A.C. power 24 hours a day 365 days a year.



Matching Battery Cabinet

Standard matching battery cabinets are available to easily extend the UPS runtime to several hours.

The battery cabinets are available with their own independent chargers to provide safe and fast recharging.

Smart Battery Management System (SBM)

Smart battery management system monitors the battery charging and discharging status.

Communication

The Mars series are all shipped with shutdown software as standard. The software allows not only the control of the UPS and graceful shutdown when the Utility fails, but also allows the user to:

- · remotely test the major operating functions of the UPS
- communicate via SNMP/web/network adapter
- · access UPS functions via the web
- alert users via SMS messages against specific events

The free software supplied supports Novell Netware, Windows 95/98/2000/ME/XP/NT/Vista, Linux and FreeBSD. Major Unix platforms are available as a cost option.



Communication

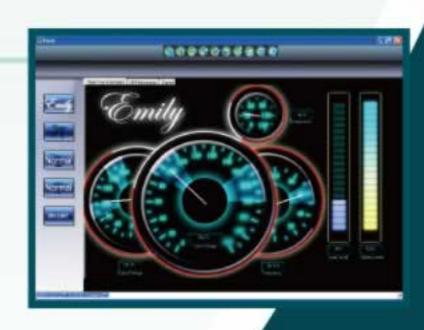
Easy Plug & Play



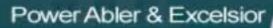
Backup Time

Self-Diagnostics









Technical Specification

MODEL	MS1000	MS2000	MS3000	
INPUT				
Voltage (Vac)		80~140 or 160~280 50/60±5%(Auto Sepsing)		
Frequency (Hz)	50/60±5%(Auto Sensing)			
Phase		Single		
Input Power Factor		>0.98(Full Load)		
OUTPUT		400/440/400/407 200/200/200/200		
Voltage (Vac)	1000VA/700W	100/110/120/127 or 200/220/230/240 2000VA/1400W	2000/4/2100/4/	
Capacity (VA/W) Rated Power Factor	1000 VAI 100 V	0.7	3000VA/2100W	
Load Power Factor Range	0.4	THE RESERVE OF THE PERSON OF T	,	
Wave Form	0.5 Lagging to Unity within KW rating of unit Sine Wave, THD < 3%(no load to full load)			
Voltage Regulation	±2%			
Transient Response (ms)	±4% under full load, change and correct within 60ms			
Frequency Stability	±0.5Hz (Free Running)			
Synchronization	Slew Rate: 1Hz/Sec. Max. Synchronizing Window±5%			
Transfer Time		0 ms		
Crest Factor		3:1		
Efficiency (AC to AC)		up to 88%		
Autonomy		>7min.		
DC Start		Yes		
BATTERY				
Туре		Sealed Lead Acid Maintenance Free		
Quantity (pcs)	3	6	8	
Voltage(Vdc)	36	72	96	
Recharge Time		8 Hours to 90%		
Supplementary Charger	Optional 20	Optional 200W/500W Charger for extended backup application		
DISPLAY			The state of the s	
LED	Utility, Battery Low, In-	verter, Bypass, Self-Test, Over Load, Loa	ad/Battery Level, and	
C-K Diseasetise		Fault conditions		
Self Diagnostics PROTECTION		Push Button(On demand)		
	AC Mode:	tinuously		
Overload	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to l % delay 10 seconds before switching to l nediately switching to bypass.	bypass.	
Overload	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1	bypass.	
Overload Short Circuit	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System	bypass.	
Overload Short Circuit Overheat	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System Switch to Bypass	bypass.	
Overload Short Circuit Overheat High Voltage Trip	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System Switch to Bypass Switch to Backup Mode	bypass.	
Overload Short Circuit Overheat High Voltage Trip Battery Low	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off	bypass.	
Overload Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2	bypass.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off	bypass.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 hediately switching to bypass. Same delay time as AC mode, then con Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5	mpletely shutdown.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cor Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2	mpletely shutdown.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 hediately switching to bypass. Same delay time as AC mode, then con Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5	mpletely shutdown.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cornected Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5	mpletely shutdown.	
Overload Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch)	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L	% delay 50 seconds before switching to 1 % delay 10 seconds before switching to 1 hediately switching to bypass. Same delay time as AC mode, then con Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 ow, Transfer to Bypass, Over Load, Systems 130x365x479/5.1"x14.4"x18.9"	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9"	
Overload Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cornected Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 ow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R	
Overload Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cornected Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Sow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs	
Overload Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs)	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 1 nediately switching to bypass. Same delay time as AC mode, then cornected Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Sow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0	% delay 50 seconds before switching to 1% delay 10 seconds as AC mode, then condition of the Complex of the System Switch to Bypass Switch to Bypass Switch to Bypass Switch Off Complies with EN62040-2 Complies with EN61000-4-5 cow, Transfer to Bypass, Over Load, System Sys	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient te	% delay 50 seconds before switching to 1% delay 10 seconds as AC mode, then condition of the 10 seconds as AC mode, the 10 seconds as AC mode, the 10 seconds as AC mode, the 10 seco	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient te	% delay 50 seconds before switching to 1% delay 10 seconds as AC mode, then condition of the Complex of the System Switch to Bypass Switch to Bypass Switch to Bypass Switch Off Complies with EN62040-2 Complies with EN61000-4-5 cow, Transfer to Bypass, Over Load, System Sys	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient te	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 10 nediately switching to bypass. Same delay time as AC mode, then corned Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Ow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 O°C ~ 40°C / 0°F ~ 140°F y design life is based on a temperature of emperature above this range will reduce 200ft up to 40°C/104°F, 3000m/9900ft up	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient te	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 10 nediately switching to bypass. Same delay time as AC mode, then condition Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Ow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 O°C ~ 40°C / 0°F ~ 140°F y design life is based on a temperature of the system of the sy	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient te	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 10 nediately switching to bypass. Same delay time as AC mode, then condition Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Ow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 O°C ~ 40°C / 0°F ~ 140°F y design life is based on a temperature of the system of the sy	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life.	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type Communication Slots	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imm Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient to 0~2000m/66	% delay 50 seconds before switching to 1% delay 10 seconds before switching to be delay 10 seconds before switching to by delay 10 seconds before switching to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Ow, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 O°C ~ 40°C / 0°F ~ 140°F y design life is based on a temperature of the	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life. to 35°C / 95°F	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type Communication Slots Compatible Platforms	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imm Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient to 0~2000m/66	% delay 50 seconds before switching to 1% delay 10 seconds before switching to be nediately switching to bypass. Same delay time as AC mode, then corned to 1% to	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life. to 35°C / 95°F	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type Communication Slots Compatible Platforms SAFETY CONFORMANCE	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imm Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient to 0~2000m/66	% delay 50 seconds before switching to 1% delay 10 seconds before switching to 1% dela	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life. to 35°C / 95°F	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type Communication Slots Compatible Platforms SAFETY CONFORMANCE Quality Assurance	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imm Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The battery Ambient to 0~2000m/66	% delay 50 seconds before switching to 1% delay 10 seconds as AC mode, then condition Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Now, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 0°C ~ 40°C / 0°F ~ 140°F y design life is based on a temperature of the emperature above this range will reduce 100ft up to 40°C / 104°F, 3000m / 1990ft up 190% RH Maximum, Non-Condensing 190% RH Maximum 190% RH Maxi	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life. to 35°C / 95°F	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type Communication Slots Compatible Platforms SAFETY CONFORMANCE Quality Assurance Safety Standard	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The batter Ambient to 0~2000m/66	% delay 50 seconds before switching to 1% delay 10 seconds as AC mode, then condition Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Low, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 O°C ~ 40°C / 0°F ~ 140°F Y design life is based on a temperature of the emperature above this range will reduce 100ft up to 40°C/104°F, 3000m/9900ft up 190% RH Maximum, Non-Condensing 190% RH Maximum,	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life. to 35°C / 95°F	
Short Circuit Overheat High Voltage Trip Battery Low Noise Suppression Spike Suppression ALARMS Audible and Visual PHYSICAL Dimensions (WxHxD, mm/inch) Outlets (NEMA)120Vac Outlets (IEC/Local) 230Vac Net Weight(Kgs/lbs) ENVIRONMENT Operating Temperature Temperature Warning Altitude Humidity Noise COMPUTER INTERFACE Interface Type Communication Slots Compatible Platforms SAFETY CONFORMANCE Quality Assurance	1) <105% con 2) 105%~120 3) 120%~150 4) >150% imn Backup Mode Line Failure, Battery L 147x223x401/5.8"x8.8"x15.8"" 4x5-15R 3pcs/1pce 15/33.0 The batter Ambient to 0~2000m/66	% delay 50 seconds before switching to 1% delay 10 seconds as AC mode, then condition Hold Whole System Switch to Bypass Switch to Backup Mode Alarm and Switch Off Complies with EN62040-2 Complies with EN61000-4-5 Now, Transfer to Bypass, Over Load, System 130x365x479/5.1"x14.4"x18.9" 4x5-15R + 2x5-20R 3pcs/2pcs 27/59.5 0°C ~ 40°C / 0°F ~ 140°F y design life is based on a temperature of the emperature above this range will reduce 100ft up to 40°C / 104°F, 3000m / 1990ft up 190% RH Maximum, Non-Condensing 190% RH Maximum 190% RH Maxi	tem Fault Conditions 190x365x453/7.5"x14.4"x17.9" 6x5-15R+2x5-20R Terminal/2pcs 32/70.5 f 25°C /77°F. battery life. to 35°C / 95°F	

* Above specifications are subject to change without prior notice



Head Office:

Ablerex Electronics Co., Ltd. 1F, No. 3, Lane 7, Paokao Rd., Hsintien, 23114, Taipei Hsien, Taiwan, R.O.C. Tel: +886 2 2917-6857 Fax: +886 2 2913-1705 http://www.ablerex.com.tw E-mail: ablerex@ablerex.com.tw









