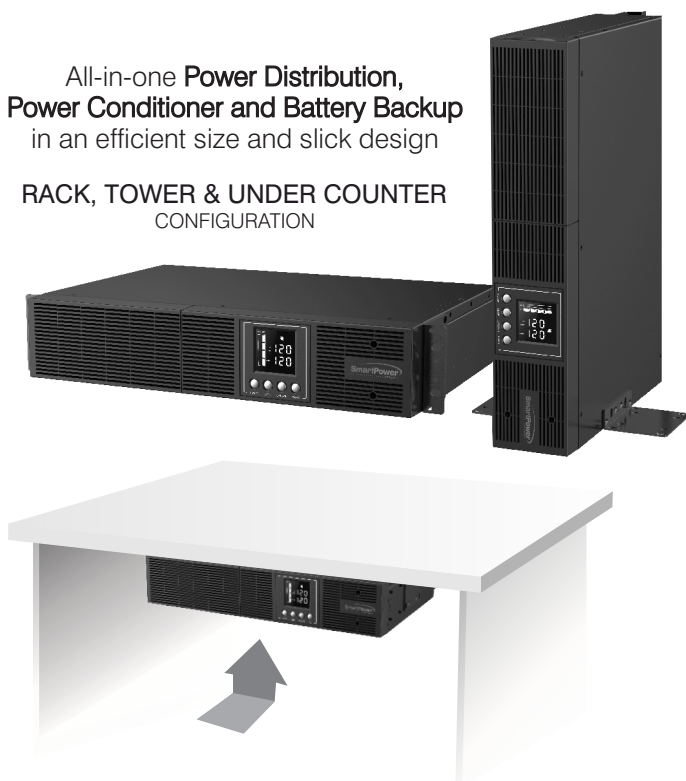


# iPCS ISOLATED POWER CONTROL STATION

## 750VA-1000VA

All-in-one Power Distribution,  
Power Conditioner and Battery Backup  
in an efficient size and slick design

RACK, TOWER & UNDER COUNTER  
CONFIGURATION



*Thank you for purchasing this iPCS Isolated Power Control Station. Emerge Power Solutions is dedicated to developing and manufacturing the highest performance power protection and filtration devices for your electronic equipment. Proper use of this device will provide the protection needed for your connected equipment.*

 **EMERGE**<sup>™</sup>  
POWER SOLUTIONS

**SMART POWER SYSTEMS**

## IMPORTANT SAFETY INSTRUCTIONS (SAVE THESE INSTRUCTIONS)

This device complies with part 15 of the FCC rules, operation is subject to the following two conditions (1) This device may not cause harmful interference and (2) this device must accept any interference received, including that may cause undesired operation. This manual contains important safety instructions. Please read and follow all instructions carefully during installation and operation of the unit. Read this manual thoroughly before attempting to unpack, install or operate your UPS.

**CAUTION!** To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area free of conductive contaminants. (See the specifications for the acceptable temperature and humidity range).

**CAUTION!** To reduce the risk of overheating the UPS, do not cover the UPS' cooling vents and avoid exposing the unit to direct sunlight or installing the unit near heat emitting appliances such as space heaters or furnaces.

**CAUTION!** Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens or vacuum cleaners to UPS.

**CAUTION!** Do not plug the UPS input into its own output.

**CAUTION!** Do not allow liquids or any foreign objects to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.

**CAUTION!** In the event of an emergency, press the OFF button and disconnect the power cord from the AC power supply to properly disable the UPS.

**CAUTION!** Do not attach a power strip or surge suppressor to the UPS.

**CAUTION!** Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

**CAUTION!** The UPS must be connected to a grounded AC power outlet with fuse or circuit breaker protection. DO NOT plug the UPS into an outlet that is not grounded. If you need to power-drain this equipment, turn off and unplug the unit.

**CAUTION!** (No User Serviceable Parts): Risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

**CAUTION!** The AC outlet where the UPS is connected should be close to the unit and easily accessible.

**CAUTION!** Unit contains lead-acid batteries of 12V/9Ah/PC. Risk of energy or chemical hazard. Do not dispose of batteries in a fire. The batteries may explode. Recycle or disposal refer to the local regulations.

**CAUTION!** A battery can present a risk of electric shock and high short circuit current. Servicing of batteries should be performed or supervised by personal knowledgeable about batteries.

**CAUTION!** The battery can power hazardous components inside the unit, even when the AC input power is disconnected.

**CAUTION!** (Non-Isolated Battery Supply): Risk of electric shock, battery circuit is not isolated from AC power source; hazardous voltage may exist between battery terminals and ground. Test before touching.

**CAUTION!** The unit has a dangerous amount of voltage. When the UPS indicators is on, the units may continue to supply power thus the unit's outlets may have a dangerous amount of voltage even when it's not plugged in to the wall outlet.

**CAUTION!** Make sure everything is turned off and disconnected completely before conducting any maintenance, repairs or shipment.

## CONSIGNES DE SÉCURITÉ IMPORTANTES (CONSERVEZ CES INSTRUCTIONS)

Cet appareil est conforme à la partie 15 des règles de la FCC, son fonctionnement est soumis aux deux conditions suivantes (1) Cet appareil ne doit pas provoquer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris celles pouvant entraîner un fonctionnement indésirable.

Ce manuel contient des instructions de sécurité importantes. Veuillez lire et suivre attentivement toutes les instructions pendant l'installation et l'utilisation de l'unité. Lisez attentivement ce manuel avant de tenter de déballer, d'installer ou de faire fonctionner votre UPS.

**ATTENTION!** Pour éviter tout risque d'incendie ou d'électrocution, installez-le dans une zone intérieure à température et humidité contrôlées et exempte de contaminants conducteurs. (Voir les spécifications pour la plage de température et d'humidité acceptable).

**ATTENTION!** Pour réduire le risque de surchauffe de l'onduleur, ne couvrez pas les orifices de ventilation de l'onduleur et évitez d'exposer l'unité à la lumière directe du soleil ou d'installer l'unité à proximité d'appareils émettant de la chaleur tels que des radiateurs ou des fours.

**ATTENTION!** Ne fixez pas d'éléments non liés à l'ordinateur, tels que des équipements médicaux, des équipements de survie, des fours à micro-ondes ou des aspirateurs à l'onduleur.

**ATTENTION!** Ne branchez pas l'entrée de l'onduleur sur sa propre sortie.

**ATTENTION!** Ne laissez aucun liquide ni aucun corps étranger pénétrer dans l'onduleur. Ne placez pas de boissons ou tout autre récipient contenant du liquide sur ou à proximité de l'appareil.

**ATTENTION!** En cas d'urgence, appuyez sur le bouton OFF et débranchez le cordon d'alimentation de l'alimentation secteur pour désactiver correctement l'onduleur.

**ATTENTION!** Ne fixez pas de multiprise ou de parasurtenseur à l'onduleur.

**ATTENTION!** Débranchez l'onduleur avant le nettoyage et n'utilisez pas de détergent liquide ou en aérosol.

**ATTENTION!** L'onduleur doit être connecté à une prise de courant CA mise à la terre avec protection par fusible ou disjoncteur. NE branchez PAS l'onduleur dans une prise qui n'est pas mise à la terre. Si vous avez besoin de décharger cet équipement, mettez-le hors tension et débranchez-le.

**ATTENTION!** (Aucune pièce réparable par l'utilisateur): Risque d'électrocution, ne retirez pas le couvercle. Aucune pièce réparable par l'utilisateur à l'intérieur. Confiez l'entretien à un personnel qualifié.

**ATTENTION!** La prise secteur où l'onduleur est connecté doit être proche de l'unité et facilement accessible.

**ATTENTION!** L'unité contient des batteries plomb-acide de 12V / 9Ah / PC. Risque d'énergie ou de danger chimique. Ne jetez pas les piles au feu. Les piles peuvent exploser. Le recyclage ou l'élimination se réfèrent aux réglementations locales.

**ATTENTION!** Une batterie peut présenter un risque de choc électrique et de courant de court-circuit élevé. L'entretien des batteries doit être effectué ou supervisé par du personnel connaissant les batteries.

**ATTENTION!** La batterie peut alimenter les composants dangereux à l'intérieur de l'unité, même lorsque l'alimentation d'entrée CA est déconnectée.

**ATTENTION!** (Alimentation par batterie non isolée): Risque de choc électrique, le circuit de batterie n'est pas isolé de la source d'alimentation CA; une tension dangereuse peut exister entre les bornes de la batterie et la terre. Testez avant de toucher.

**ATTENTION!** L'unité a une tension dangereuse. Lorsque les voyants de l'onduleur sont allumés, les unités peuvent continuer à fournir de l'énergie, ainsi les prises de l'unité peuvent avoir une tension dangereuse même si elles ne sont pas branchées sur la prise murale.

**ATTENTION!** Assurez-vous que tout est éteint et déconnecté complètement avant d'effectuer tout entretien, réparation ou expédition.

## INSTALLING YOUR UPS SYSTEM

**UNPACKING** The box should contain the following:

- iPCS unit • User's guide • Cable organizer • Rackmount / Under counter brackets and screws • 2 adapter cords for equipment with transformer blocks • USB cable
- RJ45 Cat5e network cable • Color-coded labels for cords • 9 Zip ties

### HOW TO DETERMINE THE POWER REQUIREMENTS OF YOUR EQUIPMENT

1. Ensure that the equipment plugged into the battery power-supplied outlets does not exceed the UPS unit's rated capacity. If rated unit capacities are exceeded, an overload condition may occur and cause the UPS unit to shut down or the fuse to blow.
2. There are many factors that can affect the amount of power that your computer system will require. For optimal system performance keep the load below 80% of the unit's rated capacity.

### HARDWARE INSTALLATION GUIDE

1. Your new UPS may be used immediately upon receipt. However, recharging the battery for at least 8 hours is recommended to ensure that the battery's maximum charge capacity is achieved. Charge loss may occur during shipping and storage. To recharge the battery, simply leave the unit plugged into an AC outlet. The unit will charge in both the on and off position.
2. With the UPS unit off and unplugged, connect the computer, monitor, and any externally powered data storage device.
3. Plug the UPS into a 2 pole, 3 wire grounded receptacle (wall outlet). Make sure the wall branch outlet is protected by a fuse or circuit breaker and does not service equipment with large electrical demands.
4. Depress the power switch to turn the unit on. The LCD indicator light will illuminate and the unit will "beep".
5. To maintain optimal battery charge, leave the UPS plugged into an AC outlet at all times.
6. To store your UPS for an extended period, cover it and store with the battery fully charged. Recharge the battery every three months to ensure battery life.

## ROUTINE MAINTENANCE AND STORAGE

### ROUTINE MAINTENANCE

1. Use dry soft clothes to clean the front panel and plastic parts. Do not use any detergent that contains alcoholic ingredient.
2. The expected lifetime of the battery is around 3 years. Improper operation and harsh environment will reduce the actual lifetime.
3. Unplug the UPS from power inlet if the UPS will not operate for long period of time.

### STORAGE

1. First turn off your UPS and disconnect its power cord from the wall outlet. Disconnect all cables connected the UPS to avoid battery drain.
2. The UPS should be stored in a cool dry location.
3. Make sure the battery is fully charged before the UPS is stored.
4. For extended storage in moderate climates, the battery should be charged for 12 hours every 3 months by plugging the power cord into the wall receptacle and turning on the main switch. Repeat it every 2 months in high temperature locations.

### SAFETY PRECAUTIONS

**CAUTION!** Only use replacement batteries which are certified by your dealer. Use of incorrect type is an electrical hazard that could lead to explosion, fire, electric shock or short circuit.

**CAUTION!** Batteries contain and electrical charge that could cause severe burns. Before servicing batteries, please remove any conductive materials such as jewelry, chains, wrist watches and rings.

**CAUTION!** Do not open or mutilate the batteries. Electrolyte fluid is harmful to the skin/eyes and may be toxic.

**CAUTION!** To avoid electric shock, turn off and unplug the UPS from the wall receptacle before servicing the battery.

**CAUTION!** Only use tools with insulated handles. Do not lay tools or metal parts on top of the UPS or battery terminals.

### PRÉCAUTIONS DE SÉCURITÉ

**ATTENTION!** N'utilisez que des batteries de remplacement certifiées par votre revendeur. L'utilisation d'un type incorrect constitue un risque électrique pouvant entraîner une explosion, un incendie, un choc électrique ou un court-circuit.

**ATTENTION!** Les batteries contiennent une charge électrique qui pourrait provoquer de graves brûlures. Avant de réparer les batteries, veuillez retirer tout matériau conducteur tel que bijoux, chaînes, montres-bracelets et bagues.

**ATTENTION!** Ne pas ouvrir ni endommager les piles. Le liquide électrolytique est nocif pour la peau / les yeux et peut être toxique.

**ATTENTION!** Pour éviter tout choc électrique, éteignez et débranchez l'onduleur de la prise murale avant de réparer la batterie.

**ATTENTION!** N'utilisez que des outils avec des poignées isolées. Ne posez pas d'outils ou de pièces métalliques sur l'onduleur ou les bornes de la batterie.

### REPLACEMENT BATTERIES

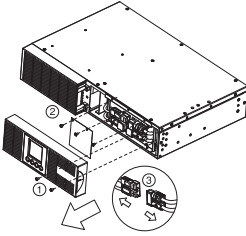
Please refer to the front side of the UPS for the model number of the correct replacement batteries. For battery procurement, contact your local dealer.

### BATTERY DISPOSAL

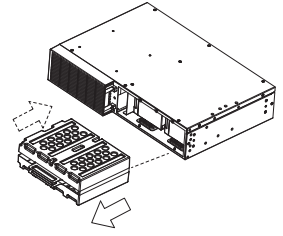
Batteries are considered hazardous waste and must be disposed of properly. Contact your local government for more information about proper disposal and recycling of batteries. Do not dispose of batteries in fire.

## BATTERY INSTALLATION AND REPLACEMENT

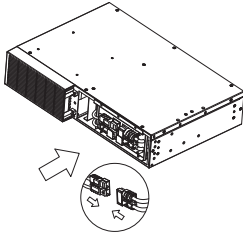
**Step 1:** Remove the front panel. Remove the retaining screws from the battery bracket and then remove the cover itself. Unhook the connectors.



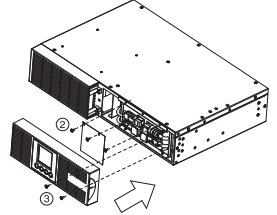
**Step 2:** Pull the battery tray out slowly. Put the new battery tray back into the compartment after that.



**Step 3:** Fasten the battery bracket and then insert the connectors. Place the connectors in the bracket.

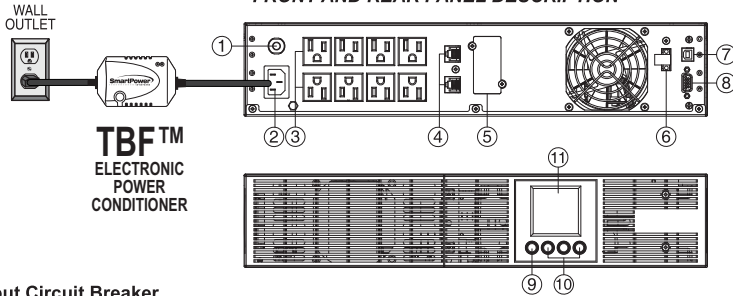


**Step 4:** Fasten the battery bracket and then insert the connectors. Place the connectors in the bracket.



## BASIC OPERATION

### FRONT AND REAR PANEL DESCRIPTION



- 1. Input Circuit Breaker**  
The circuit breaker provides optimal overload protection.
- 2. AC Inlet**  
Connect to utility power through the input power cord.
- 3. AC outlet**  
The UPS provides outlets for connected equipment to insure temporary uninterrupted operation during a power failure and against surges and spikes.
- 4. RJ45/11 Communication Protection Ports**  
Communication protection ports will protect any standard modem, fax, telephone line, or network cable.
- 5. SNMP Network Port**  
The SNMP port provides remote monitoring and management of your UPS over a network.
- 6. EPO Port**  
Enable an emergency UPS Power-Off from a remote location. EPO terminal open, the UPS will turn off and the output shutdown immediately.
- 7. USB Port**  
This port allows connection and communication from the USB port on the computer to the UPS unit.
- 8. Serial Port**  
This port allows connection and communication from the DB9 serial on the computer to the UPS unit. The UPS communicates its status to the software.
- 9. Power On/Off Button**  
Press the power Button to turn the UPS ON or OFF.
- 10. Mute Button**  
The audible alarm can be turned off/on by pressing this button for 3 seconds, and can also show page flipping by pressing this button for 1 second.
- 11. LCD Display**  
The LCD will display the UPS status.

## BRACKETS INSTALLATION

Install the brackets with the screws provided. Align the brackets with screw holes on the side of the UPS.

TOWER



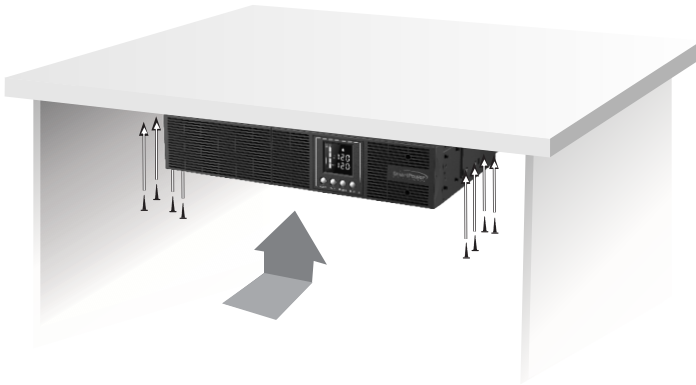
RACKMOUNT



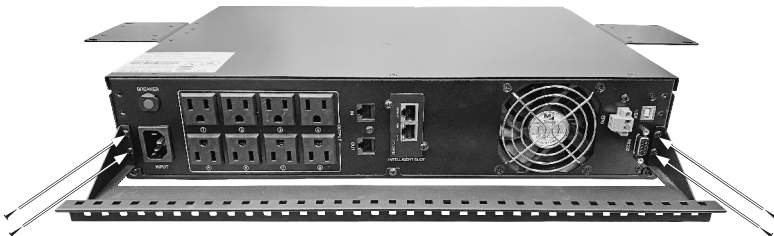
UNDER COUNTER



INSTALLING iPCS UNDER A COUNTER AFTER BRACKET INSTALLATION

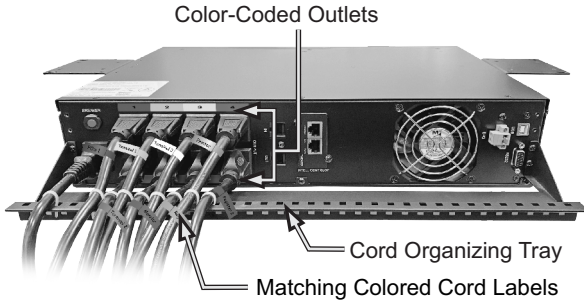


INSTALLATION OF CORD ORGANIZING TRAY



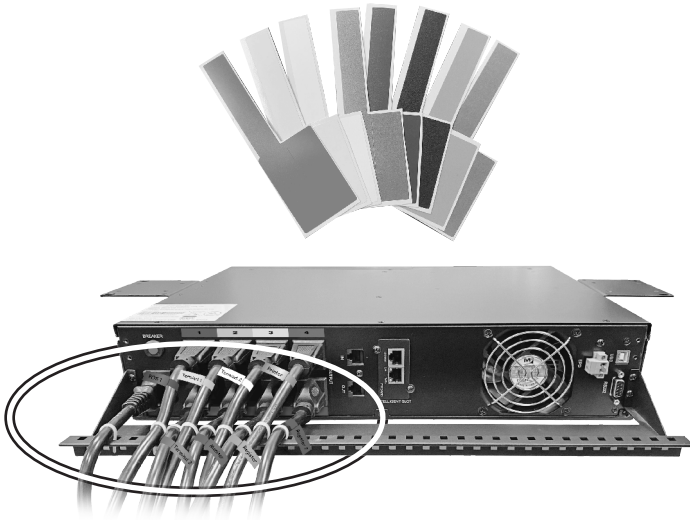
## CORD ORGANIZATION

Keep your racks organized and cables plugged in with the organizing tray. It will prevent cables from being disconnected. It also features color-coded outlets.

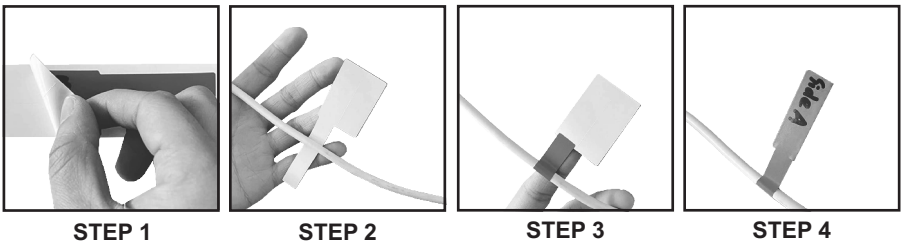


## COLOR LABELS FOR CABLE MANAGEMENT

Match the included labels with the color on the receptacle.



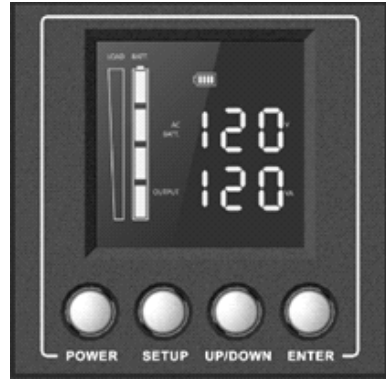
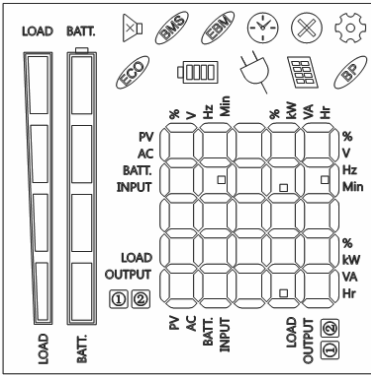
## APPLYING THE LABELS TO EACH CORD














# DEFINITIONS FOR ILLUMINATED LCD INDICATORS

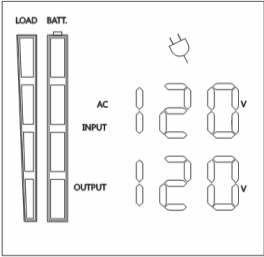
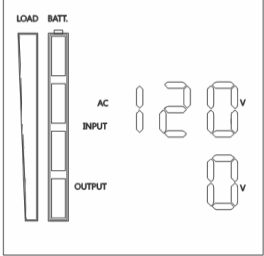
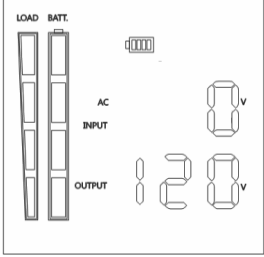
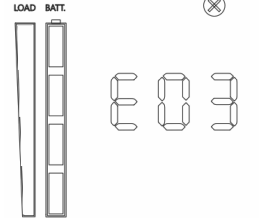
## LCD Indicators



## DEFINITIONS FOR OTHER ICONS

	<p><b>MUTE:</b> This icon appears whenever the UPS is in silent mode. The alarm does not beep during silent mode until the battery reaches low capacity.</p>
	<p><b>FAULT:</b> This icon appears if there is a problem with the UPS.</p>
	<p><b>Setting mode</b></p>
	<p><b>Bat mode</b> When this icon is blinking, the batteries need to be replaced.</p>
	<p><b>Line mode:</b> lighting</p>
<p>LOAD</p> 	<p><b>Load capacity</b></p> 
<p>BATT.</p> 	<p><b>Battery capacity:</b> Bat mode: battery capacity Line mode: 1. Battery charging: cycle lighting 2. Battery full charged: lighting 3. Line mode without charger: battery capacity</p> 

LCD SCREEN – UPS STATUS

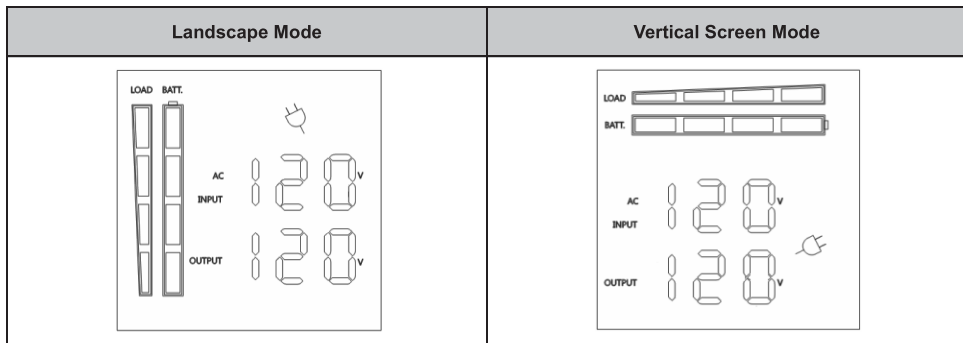
Operation mode	Description	LCD display
Line mode	Utility will provide energy to loads. It will also charge the battery at the same time.	
Standby mode	UPS is powered off without output power, but the battery still can be charged.	
Battery mode	The unit will provide output power from battery.	
Fault mode	The UPS is in fault mode, and user can check the fault code on the LCD display.	

### LCD Display

1. Press the display key "UP/DOWN" to indicate the different item.

Item	Description	LCD display
1 (default)	AC input	AC INPUT 120V
	AC output	OUTPUT 120V
2	Battery remaining time	BATT. 300 Min
	Load capacity	LOAD 30 %
3	Battery capacity	BATT. 99 %
	Internal temperature	30C
4	Output1 status	1 On
	Output2 status	OUTPUT 2 Off
5	Output3 status	3 On
	Output4 status	OUTPUT 4 Off
6	Output5 status	5 On
	Output6 status	OUTPUT 6 Off
7	Output7 status	7 On
	Output8 status	OUTPUT 8 Off

2. Press the “UP/DOWN” button simultaneously for 5 seconds to activate or exit the vertical screen mode.



## LCD SETTINGS CONFIGURATION

### Function Keys

Function Keys	Description
[POWER]	To power on/off
[SETUP]	To enter/exit the setting mode or return home settings
[UP/DOWN]	To go to the next selection page
[ENTER]	To confirm the selection in setting mode

### LCD Setting

After pressing and hold [SETUP] button for 5 seconds, the unit will enter setting mode.






Press [UP/DOWN] button to select setting programs.

Press [ENTER] button to confirm the selection.

Press [SETUP] button to return home settings

If want exit the setting mode, press and hold the [SETUP] button for 5 seconds.

The unit will exit setting mode if no operating for 1 minute.

Setting item	Configure Submenu	Available Settings	Default Setting	LCD Display
001	Outlet1 ON/OFF	[OUT][001]:Outlet1		
		[DEL][ON]:Delay On [DEL][OFF]:Delay Off [DEL][ RBT]:Delay Reboot [IMM][ON]: Immediately On [IMM][OFF]: Immediately Off [IMM][RBT]: Immediately Reboot		 
002-008	Outlet2-8 ON/OFF			Reference Outlet1 settings
009	Battery Self Test	[BST]:Battery Self Test		
		[10S]:Test 10s [LOW]:Test till battery low		
010	Buzzer	[BUZ](Buzzer) [ENA] (Enable) [DIS] (Disable)	[ENA]	
011	Battery Monthly Test	[BMT] Battery Monthly Test [ENA] (Enable) [DIS] (Disable)	[ENA]	
012	Power on Delay	[POD] Power on Delay [ENA] (Enable) [DIS] (Disable)	[ENA]	
013	Reset	[RET]:Reset [NO] [YES]	[NO]	

### KEYBOARD SHORTCUTS:

Start / Cancel battery self test - Press [ENTER] button for 2 seconds

Mute/Unmute buzzer alarm - Press [ENTER] button 2 times

Enable/Disable LCD sleep mode function - Press [SETUP] button 2 times

## SPECIFICATIONS

MODEL	IPCS750-TNET	IPCS1000-TNET
CAPACITY (VA / WATTS)	750VA / 600W	1000VA / 800W
RATED POWER FACTOR	0.8	
<b>INPUT</b>		
INPUT VOLTAGE RANGE	82-148Vac	
FREQUENCY RANGE	60Hz $\pm$ 3Hz	
<b>OUTPUT</b>		
ON BATTERY OUTPUT VOLTAGE	Sine Wave at 100-127Vac $\pm$ 10%	
ON BATTERY OUTPUT FREQUENCY	60Hz $\pm$ 1Hz	
OVERLOAD PROTECTION	Yes	
RECEPTACLES	8-NEMA 5-15R (Battery & power conditioning) 8 x remote switchable outlet banks	
<b>PROTECTION</b>		
TRANSIENT LET-THROUGH VOLTAGE	<0.5V Common Mode (N-G) / <10V Normal Mode (L-N)	
<b>AVR FUNCTION</b>		
BOOST FUNCTION	Yes	
BUCK FUNCTION	Yes	
<b>PHYSICAL</b>		
UNIT DIMENSIONS (HxDxW) (in)	3.5 x 16.9 x 22	
PACKING DIMENSIONS (HxDxW) (in)	7.75 X 17.75 X 20.50	
NET WEIGHT	25.20 Lbs / 11.44 kg	35.20 Lbs / 15.96 kg
SHIPPING WEIGHT	29.50 Lbs / 13.38 kg	37.90 Lbs / 17.19 kg
<b>CONFIGURATION</b>		
FORM FACTOR	Rack-mount, Tower and Under Counter Configuration	
<b>BATTERY</b>		
SEALED MAINTENANCE-FREE LEAD ACID BATTERY	12Vdc	24Vdc
TYPICAL RECHARGE TIME	8 hours	
ESTIMATED BATTERY MODE RUNTIME	6 min 42 sec (at 50% load)	12 min 24 sec (at 50% load)
<b>WARNING/DIAGNOSTICS</b>		
DISPLAY	LCD rotating display	
INDICATORS	Monitors and controls via LCD display	
<b>COMMUNICATION</b>		
COMMUNICATION PORT	Network Power Management Interface	
NETWORK MANAGEMENT	Support IPv4/v6, SNMPv1/v3, HTTP/HTTPS, DHCP, NTP, DNS, SMTP, Telnet, FTP, SSH protocol Supports Environmental Monitoring Probe (optional)	
<b>ENVIRONMENT</b>		
OPERATING TEMPERATURE	32°F to 122° F (0°C to 40°C)	
OPERATING RELATIVE HUMIDITY	0 to 90% non-condensing	
<b>MANAGEMENT</b>		
AUTO-CHARGER	Yes	
AUTO-RESTART	Yes	

Specification are subject to change without notice.

## TROUBLESHOOTING

Problem	Possible Causes	Remedy
<b>Abnormal</b>		
Mains normal but not Works in AC mode	1. AC Input missing	1. Check AC input connection.
	2. Input Breaker is tripped	2. Unplug the power cord of the UPS then press the circuit breaker knob.
The UPS will not turn on	The on/off Button is designed to prevent damage by rapidly turning it off and on.	Turn the UPS off. Wait 10 seconds and then turn the UPS on.
	The unit is not connected to an AC outlet.	The unit must be connected to a 100-127V 50/60Hz outlet.
	The battery is worn out.	Contact Technical Support.
	Mechanical problem.	
Outlets do not provide power to equipment	Circuit breaker is tripped due to overload	Turn the UPS off and unplug at least one piece connected equipment. Unplug the power cord of the UPS then press the circuit breaker knob.
	Batteries are discharged	Allow the unit to recharge for at least 4 hours.
	Unit has been damaged by a surge or spike.	Contact Technical Support.
<b>Alarm</b>		
Alarm code A51	Site wiring	Plug UPS power cord to a different outlet.
Alarm code A56	Battery capacity low	
Alarm code A59	Battery disconnected	
Alarm code A62	Battery bad	
Alarm code A64	Overload	
Alarm code A66	EPO (Emergency Power Off) active	
<b>Fault</b>		
Fault code E09	Output short circuit	Your attached equipment may have problems, please remove them and check again. Contact Technical Support.
Fault code E11	Battery voltage is too high	Unplug connected equipment and charge UPS for 1 hour in standby mode. Check battery pack wiring and battery count.
Fault code E12	Battery voltage is too low	
Fault code E13	Battery is overcharged	
Fault code E14	Overload occurred	Shut off non-essential equipment. If this solves the overload problem, the UPS will transfer to normal operation.
Fault code E18	Fan has been damaged.	Shut down the UPS, Replace the fan
<b>Other</b>		
Software is inactive	The serial cable is not connected.	Connect the serial cable to the UPS unit and an open serial port on the back of the computer. You must use the cable that came with the unit.
	The unit is not providing battery power.	Shutdown your computer and turn the UPS off. Wait 10 seconds and turn the UPS back on. This should reset the unit.

# SMART POWER NETWORK MANAGEMENT MODULE

## OVERVIEW

The Smart Power Systems Network Power Management Card allows for remote monitoring and management of a UPS/iPCS attached to a network. After installing the hardware and configuring an IP address, the user can access, monitor, and control the UPS/iPCS from anywhere in the world! Simply use a web browser, NMS to access your UPS/iPCS. Servers and workstations can be protected by the UPS/iPCS utilizing PowerMaster Business Clients to gracefully shutdown when signaled by the Network Power Management Card.

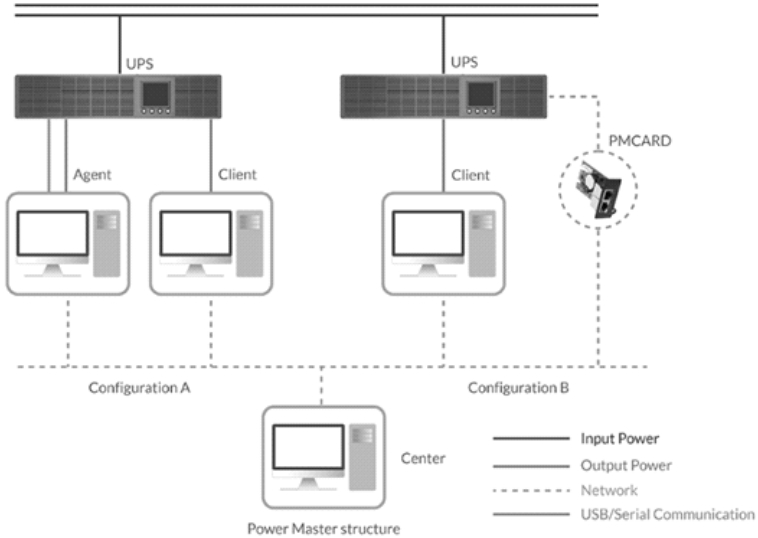
## FEATURES

- Real time UPS/iPCS monitoring
- Remote management and configuration of the UPS/iPCS via Web Browser, NMS
- Local management and configuration of the UPS/iPCS via serial connection
- Trigger servers/workstations to shutdown during a power event to prevent data loss or corruption
- Schedule shutdown/start-up/reboot of the UPS/iPCS remotely
- Event logging to trace UPS/iPCS operational history
- Graphic data logging to analyze power conditions
- Save and restore configuration settings including current UPS/iPCS and ATS parameter configuration.
- Event notifications via Email, SNMP traps
- Support IPv4/v6, SNMPv1/v3, HTTP/HTTPS, DHCP, NTP, DNS, SMTP, Telnet, FTP, SSH protocol.
- Support Email Secure Authentication Protocols: SSL, TLS
- SNMP MIB available for free download
- User upgradeable firmware via FTP
- Quick installation
- Hot-swappable
- Support Environmental Sensor

## SYSTEM REQUIREMENTS

A 10/100Mbps Ethernet connection to an existing network Web Browser (Optional) NMS (Network Management System) compliant with SNMP

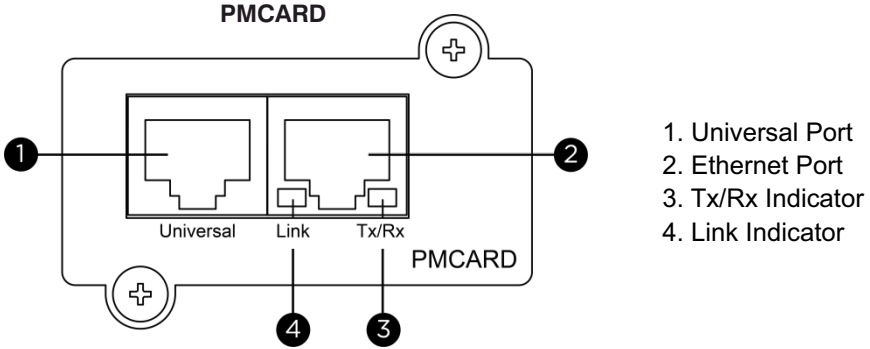
## APPLICATION WITH POWERMASTER BUSINESS





# SMART POWER NETWORK MANAGEMENT MODULE

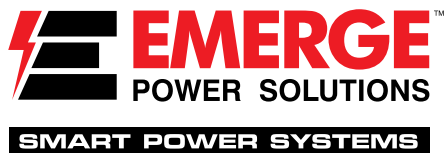
## FRONT PANEL



## LED STATUS INDICATORS

Link LED	Condition
Off	The Network Power Management Card is not connected to the Network/ or the Network Power Management Card power is off
On (Yellow)	The Network Power Management Card is connected to the Network
Tx/Rx LED	
Off	The Network Power Management Card power is off
On (Green)	The Network Power Management Card power is on
Flashing (Green)	- Receiving/transmitting data packet - Reset finished

\*For complete Network Management Module configuration and instructions please refer to <https://www.smartpowersystems.com/downloads/NPMC-IPCS.pdf>



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