

# Line Interactive UPS

PLUS-I EM-Pro 400A~800A

## ▶ Features:

- ▶ Line interactive design.
- ▶ Microprocessor control guarantees high reliability.
- ▶ Equipped with 3-Step Boost and 2-Step Buck AVR to stabilize input voltage.
- ▶ Built-in DC start function enables UPS to be started up without AC power supplied.
- ▶ Auto restart while AC recovery.
- ▶ Replaceable battery design.
- ▶ Provides Modem / Phone line surge protection.
- ▶ Energy saving function (UPS green mode).
- ▶ 50/60Hz frequency auto sensing.
- ▶ Provides lightning, surge, short circuit and overload protection.
- ▶ Built-in CCCV battery charger and battery auto test.
- ▶ Smart RS-232 communication port with free download software from the internet.



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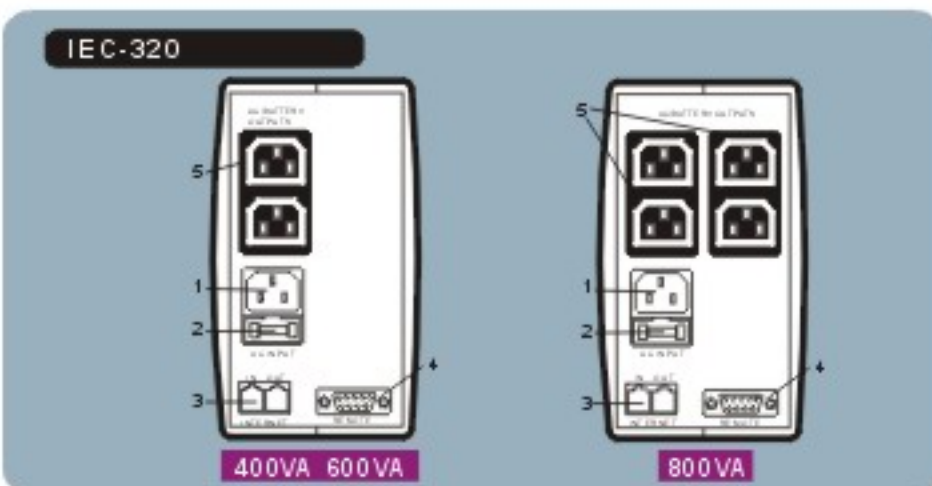
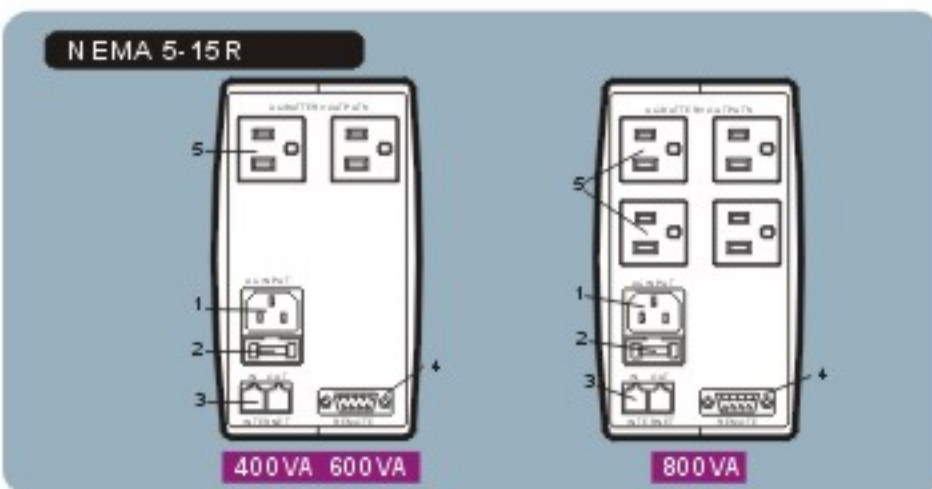
**A+Plus**<sup>®</sup>  
UPS SYSTEMS

# PLUS-I EM-PRO 400VA ~800VA

## ► SPECIFICATION:

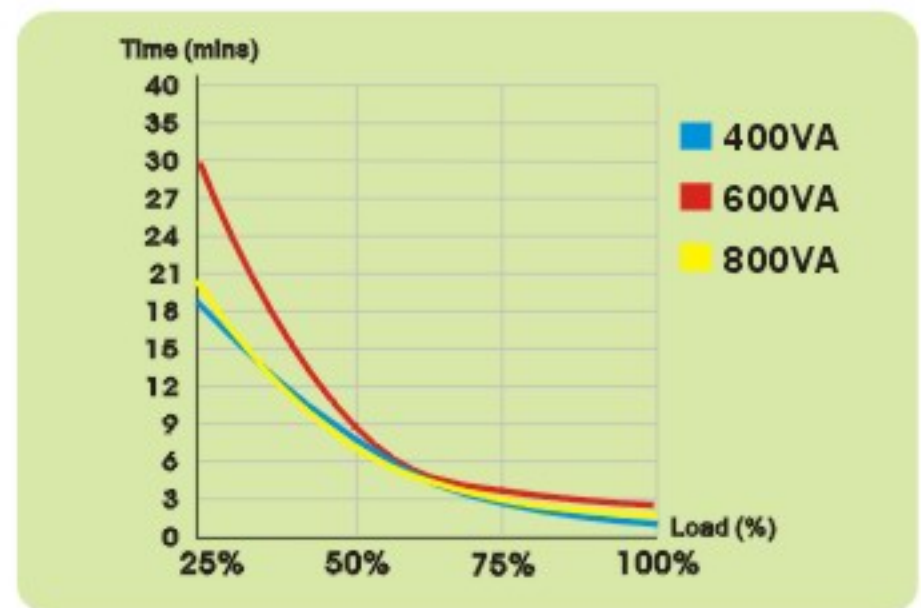
Model	EM-Pro	400A	600A	800A
Capacity	VA/Watts	400VA / 240W	600VA / 360W	800VA / 480W
Input	Voltage	100Vac, 110Vac, 120Vac, 220Vac, 230Vac or 240Vac		
	Voltage Range	70~150Vac / 140~300Vac		
	Frequency	45Hz~65Hz (auto sensing)		
Output	Voltage	100Vac, 110Vac, 120Vac, 220Vac, 230Vac or 240Vac		
	Voltage Range (Batt. Mode)	+/- 8%		
	Frequency	50Hz or 60Hz		
	Frequency Regulation (Batt. Mode)	+/- 1Hz		
	Waveform	Simulated Sine wave		
	Power Factor	0.6		
	Transfer Time	Less than 4ms (typical)		
Battery	Battery Type	6V / 4Ah*2Pcs	12V / 7Ah*1Pcs	12V / 9Ah*1Pcs
	Back-up Time	5-30 minutes, depending on the load condition		
	Recharge Time	5 hours to 90% after complete discharger		
Indicator	AC Mode	Green LED lighting		
	Backup Mode	Yellow LED lighting		
	Cut-off / Fault Overload On Scheduled	Red LED lighting		
Alarm	Battery Back-up	Sounding every 3 seconds		
	Battery Low	Sounding every 0.5 seconds		
	Battery Replacement	Sounding every 0.3 seconds		
	Overload	> 120% loads, Continuously beeping sound		
Protection	Overload	> 120% loads, Continuously beeping sound		
	Short Circuit	UPS automatic shutdown if output short at 1 second		
	Batt. Low Cut-off	No battery drain after cut-off		
Physical	Dimension, D*W*H	290*95*170 mm		
	Net Weight	5kgs	6.5kgs	7.5kgs
Environment	Operating Temperature	32°F-104°F at full load, 0-90% relative humidity (non-condensing)		
	Noise Level	Less than 40db (at 1 meter)		
Interface	Smart Rs-232	Support windows 95 / 98 / NT / 2000 / XP / Me, Novell and Linux		
	Software	UPSilon 2000 (Option)		

## ► Real Panel



- 1. Input:** IEC type connector to connect the power cable.
- 2. AC Fuse:** Protection against short-circuits electronic fuse.
- 3. Data line protection:** Filtering of electrical noise on data transmission lines.
- 4. Communication port:** Basic communications.
- 5. AC/Battery outputs:** Output protected for critical loads that require additional electrical power.

## ► Back-up Times



## APLUS POWER CORP.

No. 36-3 Nanan Road, Tzu-Tong, Yunlin Hsien, Taiwan, R.O.C.



### Sale Office

Tel: 886-2-28341269

Fax: 886-2-28341449

<http://www.aplusups.com.tw>

E-mail: [sales@aplusups.com.tw](mailto:sales@aplusups.com.tw)