

# **PlusPRO 6 Series**

**ON-LINE UPS** 

1000VA / 2000VA / 3000VA (100/110/120/125Vac)

### **PlusPRO 6 Series**







PlusPRO 6-1000 1000VA/900W PlusPRO 6-2000 2000VA/1800W PlusPRO 6-3000 3000VA/2700W

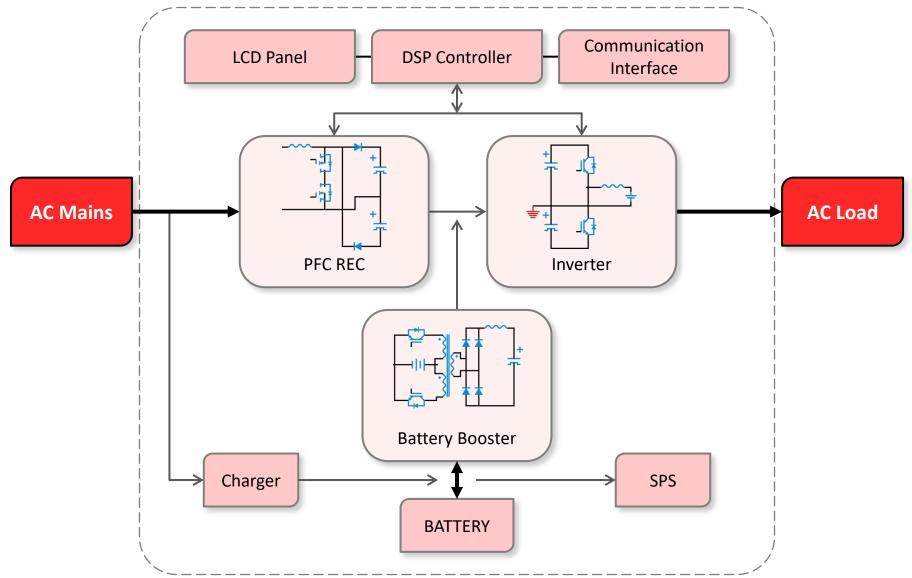
### **Product Introduction**

**PlusPRO 6** LV series 1000VA to 3000VA is a true double conversion online UPS with **pure sinewave** output **and zero transfer time** in a compacted stand-alone unit.

Featuring 1000VA, 2000VA, 3000VA configuration with wide input range **55VAC to 145VAC**, **output power factor 0.9**, **LCD display**, PlusPRO 6 Series LV Tower 1000VA to 3000VA model stand out as high efficient line of online UPS for mission critical equipment in data/computer center or industrial applications.

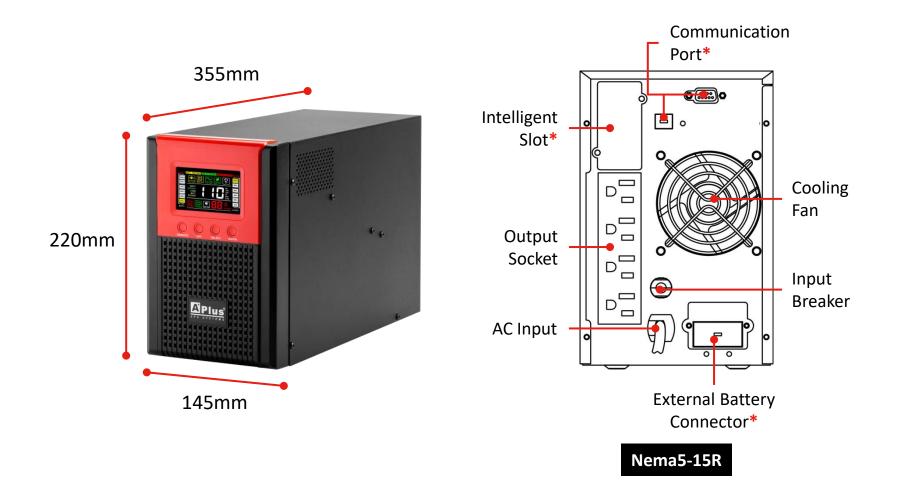


# **Basic Functional Module and Power Topology**



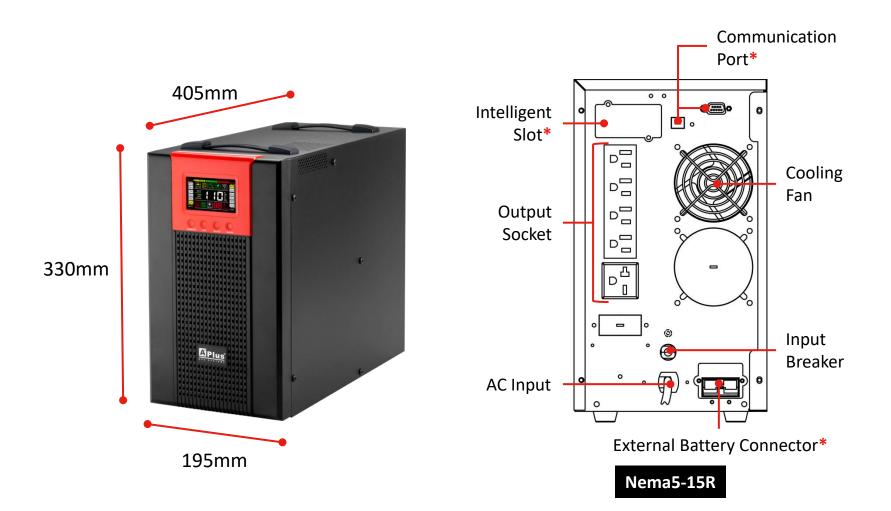
# **Structural Diagram**

PlusPRO 6-1000



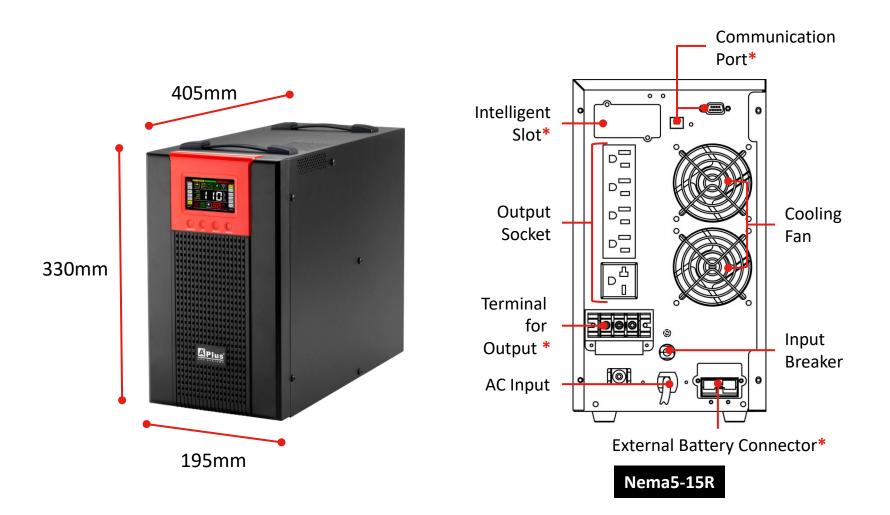
# **Structural Diagram**

PlusPRO 6-2000



# **Structural Diagram**

PlusPRO 6-3000



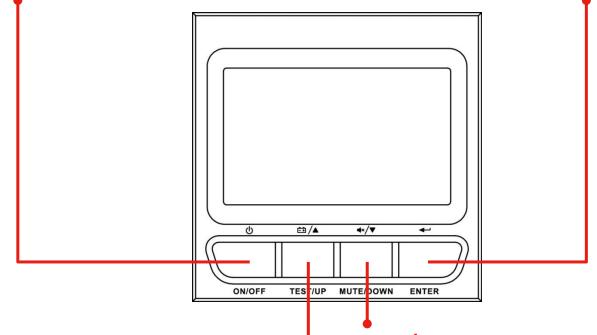
### **Button Information**

#### **ON/OFF-Button**

By pressing this Button, the UPS system can be turned on or turned off.

#### **ENTER-Button**

Enter button is used to enter setting mode and confirm change of the setting.



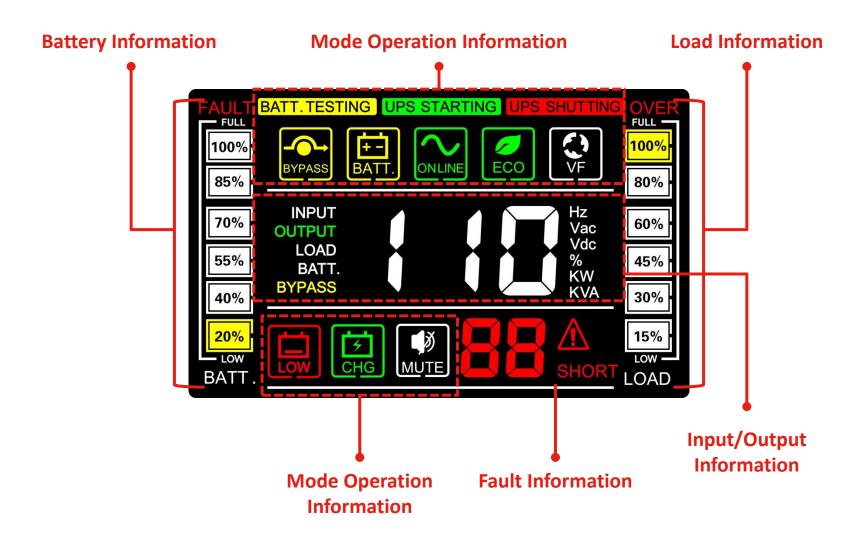
#### **TEST/UP-Button**

The Up Page Button is used to switch the display the LCD display information, and activate the battery self-test function.

### **MUTE/DOWN-Button**

The Down Page Button can also be used to switch the display the LCD display information, and muted/recover the buzzer alarm function.

### LCD with Color Display



### **Features**

- Intelligent Slot (SNMP) + USB multiple communications (Optional)
- High performance true double conversion On Line UPS 1-3KVA
- External battery bank to extend back-up time (Optional)
- Microprocessor control guarantees high reliability
- Low heat dissipation in long time operation
- RS-232 port multiple communications
- High efficiency mode (ECO mode)
- Output voltage regulation +/-1%
- Automatic self-testing function
- Power management software
- Output power factor 0.9
- Wide input range
- Fan speed control
- DC start

# Specifications

MODEL	PlusPRO 6-1000	PlusPRO 6-2000	PlusPRO 6-3000				
CAPACITY	1KVA/0.9KW	2KVA/1.8KW	3KVA/2.7KW				
INPUT	INPUT						
Voltage	1 Phase 2 Wires with Ground 100/110/120/125Vac						
Voltage Range	55Vac-145Vac						
Frequency	40Hz-70Hz						
OUTPUT							
Voltage	100/110/120/125Vac						
Voltage Regulation	+/-1%						
Frequency (Battery Mode)	50Hz or 60Hz +/-0.05Hz						
Waveform	Pure Sinewave						
THD	<2% (linear load)						
Crest Ratio	3:1						
EFFICIENCY							
Inverter Mode	>88%	>89%	>90%				
BATTERY							
Туре	Maintenance free sealed lead-acid battery						
Voltage	24VDC	48VDC	72VDC				
Recharge Time	5 hours to 90%						

# Specifications

MODEL	PlusPRO 6-1000	PlusPRO 6-2000	PlusPRO 6-3000				
TRANSFER TIME	TRANSFER TIME						
Battery Mode to Inverter Mode	Oms						
Inverter to Bypass	4ms						
DISPLAY							
LCD Display	Input, Output, Load, Battery, Mode/Fault/Warning code, Inverter operating, Bypass operating, Output voltage and frequency and Bypass disable/enable selection information						
AUDIBLE ALARM							
Battery Mode	Beeps Every 4 Seconds						
Low Battery	Sounding Every Second						
Overload	Sounding Twice Every Second						
Fault	Beeping Continuously						
COMMUNICATIONS							
Interface Port	RS-232						
USB Port	Optional						
SNMP Slot	Optional						

# Specifications

MODEL	PlusPRO 6-1000	PlusPRO 6-2000	PlusPRO 6-3000			
ENVIRONMENT	ENVIRONMENT					
Operation Temperature	0°C-40°C					
Humidity	<95% (Non-condensing)					
Acoustic Noise	<55dB at 1M					
PHYSICAL						
LCD Display	355*145*220mm	405*195*330mm				



### **APLUS POWER CORP.**

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