

# PULSE

650-2000 VA

LINE INTERACTIVE UPS

1:1

The ideal solution for:

- ✓ *SMALL OFFICES*
- ✓ *HOME OFFICE*
- ✓ *FREE-LANCE PROFESSIONALS*
- ✓ *HOME DEVICES*
- ✓ *CONSOLES AND VIDEOGAME*



# OVERVIEW

**PULSE is the user friendly UPS** designed for all users who need to protect their electronic devices from blackouts and overloads.

With **5 power sizes available**, PULSE perfectly fits to any kind of peripheral such as computers, TV, modem or gaming consoles, both at home or at office.



## COMPLETE PROTECTION



### AVR TECHNOLOGY

Connected devices are constantly safeguarded by the internal voltage stabilizer, that automatically turns on in the event of voltage fluctuations.



### NETWORK SURGE PROTECTION

Built in RJ11/45 port provides surge protection for phone line, modem or fax; this allows users to get a better signal, cleaned up by network noises.



### MANAGEMENT SOFTWARE

Free management software is compatible with all main computer OS. It allows to monitor the UPS status and to setup auto-shutdown options.



### MICROPROCESSOR CONTROL

The advanced digital microprocessor system increases UPS energy efficiency and minimizes transfer time.



### COLD START FUNCTION

In case of extended power failure it's possible to start the UPS directly by batteries, so as to supply connected devices for some minutes.



### STATUS NOTIFICATION

Optical and acoustic indicators warn about the event of a power failure and notify battery charge level.

#### USB port

It's possible to check load/battery status and to setup automatic shutdown options through a Personal Computer connection.

#### RJ11/45 filter

It provides surge protection for phone line, modem or fax, and it cleans up signal from network noises.

#### Cooling fan

Extends UPS system's life by constantly cooling off main electrical components.

#### IEC outlets

They provide backup battery and protect connected devices from voltage fluctuations (AVR).

#### AC input

Internal batteries will be quickly recharged just by connecting the UPS AC plug to a wall outlet.





PS4 + TV Led 32"  
160 Watt



iMac 2019 + NAS  
200 Watt



Pc gaming + Monitor 24"  
300 Watt

650 VA	<b>5,5</b> Min	<b>4,5</b> Min	n.a.
850 VA	<b>10</b> Min	<b>6</b> Min	<b>1,5</b> Min
1000 VA	<b>25</b> Min	<b>15</b> Min	<b>5</b> Min
1500 VA	<b>30</b> Min	<b>22</b> Min	<b>15</b> Min
2000 VA	<b>35</b> Min	<b>30</b> Min	<b>17</b> Min

Reported values are estimated and they may change according to specific operating conditions.

# SOFTWARE

**ViewPower** is an advanced software that allows to manage the UPS directly by PC.

All main information and UPS parameters are available at a glance, and they can be quickly setup through few simple clicks.



MODEL	PL-650	PL-850	PL-1000	PL-1500	PL-2000
Power	650 VA / 360 W	850 VA / 480 W	1000 VA / 600 W	1500 VA / 900 W	2000 VA / 1200 W
<b>MAIN INPUT</b>					
Rated voltage	220/230/240 VAC				
Voltage range	162~290 VAC				
Frequency range	50/60 Hz (auto sensing)				
<b>OUTPUT</b>					
Voltage regulation (battery mode)	±10%				
Frequency range (battery mode)	50/60 Hz ±1 Hz				
Transfer time	2-6 ms				
Power factor	0.6				
Wave form	Simulated sinewave				
<b>BATTERIES</b>					
Battery type	Pb				
Battery capacity	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 9 Ah
Number of batteries	1	1	2	2	2
Backup time (PC + Monitor)	12 minutes	22 minutes	50 minutes	60 minutes	70 minutes
Recharge time	4-6 h to recover 90% capacity				
<b>SYSTEM</b>					
Protections	Overload, discharge, and overcharge protection				
Indicators	AC Mode: Green led lighting Battery Mode: Green led flashing Fault: Turned off led		AC Mode: Green led lighting Battery Mode: Yellow led lighting Fault: Red led lighting		
Alarm	Battery Mode: sounding every 10 seconds Low battery: sounding every second Overload: sounding every 0.5 second Fault: continuous sounding				
Interface	USB / RJ11		USB / RJ11 / RJ45		
Supported Operating System	Windows, MacOS, Linux				
<b>ENVIRONMENT</b>					
Operating temperature	0 ~ 40°C				
Relative humidity	0 ~ 90% (no condensing)				
Noise (dBA at 1 meter far)	< 40				
<b>MECHANICAL DATA</b>					
Outlet	4 x IEC			6 x IEC	
Dimensions W*D*H (mm)	279*101*142			320*130*182	
Weight (Kg)	4.2	4.9	8.2	10.4	11

Note: technical specifications and data could be changed without notification\*

# GTEC SERVICE

GTEC supports its customers throughout the whole product life cycle, providing technical assistance and after-sales service at the highest professional standards, so to produce the best partnership experience.



**MAINTENANCE** is an essential activity in order to guarantee a safe and stable load protection. GTEC shows maximum care about this topic, providing the best service in terms of experience, instrumentation and safety level.



Through the dedicated **CALL CENTER**, customers receive prompt answers to any request, and the specialized technicians directly schedule maintenance activities.



The partnership between GTEC and its customers gets consolidated through the **TRAINING SESSIONS** proposal for technical staff, so that each user can operate on the UPSs with maximum consciousness and safety.



Also, in the GTEC Service offers, a **PROJECT CONSULTING** team is available, in order to provide the best solution according to the designer's needs.

GTEC Europe srl  
Strada Marosticana, 81/13  
36031 Povolara (VI), Italy  
Tel. +39 0444.361321  
Fax +39 0444.365191  
info@gtec-power.eu



GTEC France  
france@gtec-power.eu



[www.gtec-power.eu](http://www.gtec-power.eu)