

## General Specifications Control and monitoring solutions

### PVI-DESKTOP-AU

#### *Simple, powerful, effective and upgradable*

The Aurora® PVI-DESKTOP is the ideal monitoring solution for residential and small commercial photovoltaic applications. Wireless installation, radio communication with the monitored devices and touch screen colour TFT display make the PVI-DESKTOP an appealing solution to customers who want to have production data and devices status available at a glance without use of either computer or internet connection. The software is easily upgradable by free downloading from the web.

#### *Features*

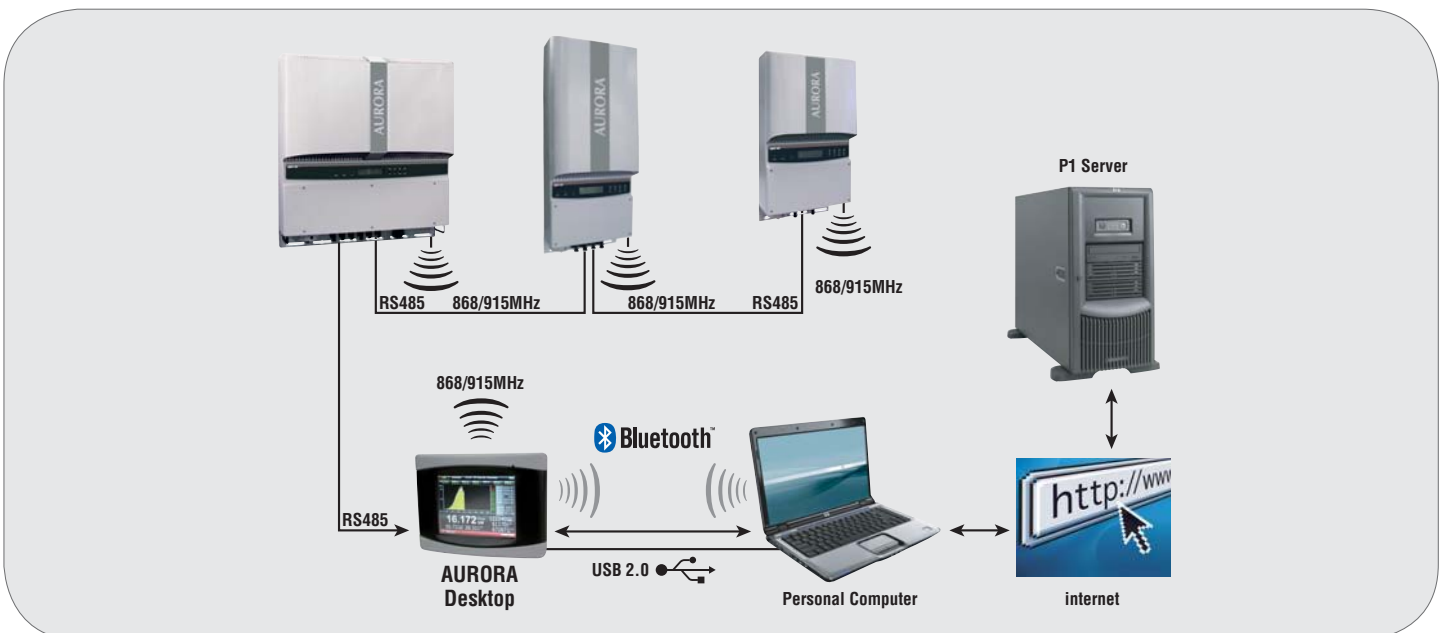
- Elegant design.
- 120x90x35 mm (W x H x D).
- Portable display module with Rechargeable Lithium-Ion battery.
- 3"1/2 touch screen TFT Colour RGB.
- USB 2.0 port and Bluetooth for PC data download and software upgrading.
- Extended memory on SD card.
- Radio transmission 868MHz or 915MHz.
- Up to 300 meters (1000 ft) operating range from inverters.
- Communicate with up to 6 AURORA devices.
- RS485 port for optional wired communication with inverters
- Mono audio speaker



#### *Flexibility*

- Triple power supply (DC, USB, integrated Lithium battery)
- Table top or wall mounting.
- Back up time: Up to 3 weeks with fully charged battery.
- Battery recharge through either AC adapter or USB Hi-Power port.
- Very large data storage capability (through standard SD Card)
- Free firmware upgrading [www.power-one.com](http://www.power-one.com)
- Complete, easy and friendly data collection and representation

### Desktop HighLights



CHARACTERISTICS	AURORA DESKTOP
<b>INVERTER COMMUNICATION</b>	
Carrier frequency [MHz]	868MHz / 915MHz (user selectable)
Coverage	up to 300mt free space
Wired communication	RS485 port (half duplex 19200bps, 1km)
Inverter compatibility	All AURORA string series (with optional radio transmitter)
Maximum number of inverters	6
<b>PC COMMUNICATION</b>	
Wireless	Bluetooth
Wired communication	Usb 2.0
<b>DISPLAY</b>	
Dimensions [inches]	color 3.5"
Resolution [pixels]	QVGA (320 x 240)
Integrated touch screen	YES, resistive
<b>POWER SUPPLY</b>	
DC	5V/1A
Usb	Yes
Stand alone	Rechargeable Li-Ion battery
<b>STANDARD EQUIPMENT</b>	
Stylus pen	YES
AC Adapter	YES
Usb cable	YES (1mt)
SD Card	YES (1Gb)
<b>FEATURES</b>	
Data acquisition and display - Inverter	All inverter parameters, data and alarms
Data collection and storage	Internal (SD Card) / Extrenal via AURORA Communicator software
Software Upgrade	Free download from <a href="http://www.power-one.com">www.power-one.com</a>
Languages	IT / EN / ES / DE / FR
Personalized graphical skin	Free download from <a href="http://www.power-one.com">www.power-one.com</a>
<b>ENVIRONMENTAL PARAMETERS</b>	
Ambient Temp. Range [°C]	0°C +40°C
Environmental IP Rating	IP20
Relative Humidity	0-90% non condensing
<b>MECHANICAL</b>	
Dimensions [H x W x D]	90 x 125 x 35
Weight [kg]	0,4

## Operating Configurations

