

# Online Transformer-free UPS

## PV11 Series 1-10 kVA



### Advanced Technology:

- Online double conversion
- Wide input voltage range
- IGBT inverter and output isolation transformer

### High Reliability:

- High reliability and performance
- Full protection function

### Excellent Flexibility:

- Intelligent RS232/RS485 & DB9 dry contact communication port
- Management software (optional)
- External battery bank (optional)
- SNMP adapter or USB (optional)



Data Center



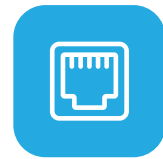
IT Device



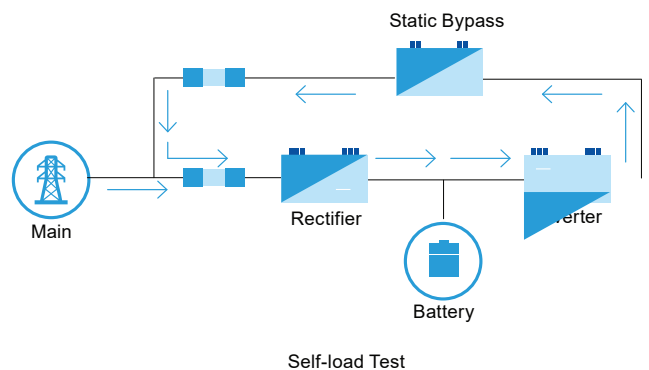
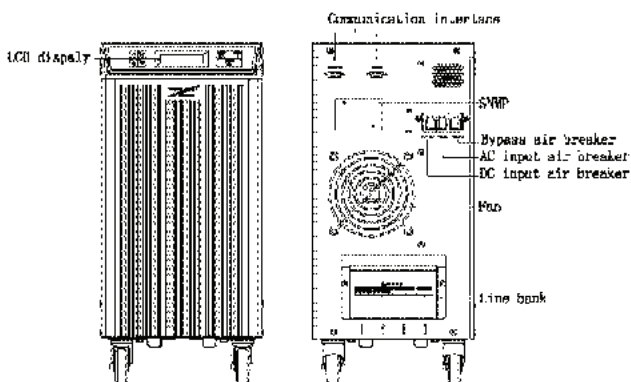
Industry



Commercial



Telecommunication



# PV11 Series 1-10 kVA

## Specifications



MODEL	PV10L	PV20L	PV30L	PV50/ PV50L	PV60/ PV60L	PV1110S/ PV1110
<b>INPUT</b>						
Voltage (Vac)	220/230/240V MODEL: 165-275      110/120V MODEL: 85~137					
Frequency (Hz)	50/ 60±5% (50/60Hz settable)					
Phase	Single phase three wires					
<b>OUTPUT</b>						
Capacity (VA)	1000	2000	3000	5000	6000	10000
Power Factor	0.8					
Voltage Range (Vac)	220/230/240±2% or 110/120±2%					
Frequency (Hz)	50 / 60 ±0.5% (battery mode)					
Waveform	Pure sine wave, THD<3% (linear load)					
Transfer Time (ms)	0					
Overload	125% load for 60s, 150% load for 1s					
<b>BATTERY</b>						
Voltage (Vdc)	48		96	192		
BATT Type	External	External	External	16×7Ah 12V/ External	16×7Ah 12V/ External	32×7Ah 12V/ External
Charging Current (A) Max	4.5	4.5	4.5	1/8.0		2/6 (12 optional)
<b>OTHER</b>						
Communication Interface	RS232,dry contact (USB and SNMP adapter are optional)					
Display	LCD display input voltage, output voltage, load capacity, battery voltage, etc., LED indicates running status					
Alarm	Overload, abnormal AC input, low battery					
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage					
Noise (dB)	≤55					≤58
Working Temperature ( )	0~40					
Relative Humidity	0~95%, no condensation					
Dimension (W×D×H)(mm)	230×610×470			230x635x690/230×610×470		400x800x1180/ 300x610x530
Weight (kg) Standard/Long backup	31.5	43.5	53	79/44	82/45	308/65

◆ Specification is subject to change without prior notice.

◆ 110V, 120V systems are available with some different parameters.

