



### ON-LINE UPS 1Phase Out

Application: PC Work Station, Printer, Server

The advance IGBT inverter, coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantages of noise rejection as well as clean and safer neutral line to the load, enables SPB UPS to be used with most type of load.

Inbuilt high-rated charger enable battery back-up upto 2-10 hrs.



Rear Panel



Long Battery Backup

## Features:

- . True Online Double conversion design
- . Conversion Type AC-DC, DC-AC
- . Output isolation transformer
- . Wide input voltage range
- . User friendly digital LCD display
- . Cold star function
- . High crest factor circuit design
- . Advance Battery Management



- Wide input frequency range ensure all types of fuel generators connected work stable.
- Optimization of high-performance battery.
- Advanced floating switching and charging technology maximums the activation of the battery, thus saves the charging time and extends the battery life.
- Battery cold start function
- The UPS can be start directly by battery group when no utility access in which meets the emergent needs of user.
- Comprehensive and reliable protection  
Self-diagnosis function before start-up, avoid the risks that the failure may lead to.
- The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-charge and so on greatly ensure the system stability and reliability.
- Solar Compatibility (Optional)

## ▶ Technical Specifications

MODEL	SPB1103L8	SPB1105L10/L15	SPB1105B16	SPB1106B16	SPB1106B16	SPB1108B16	SPB1110L16	SPB1115L16	
<b>INPUT</b>									
Voltage range (V)/PF	165-280 @ 100% Load, Single Phase (3 wire) / 0.99 Full Load								
Frequency range (Hz)	50Hz±10%								
<b>OUTPUT</b>									
Power (VA)	3000	5000	6000	8000	10000	15000			
Power Factor	1.0(Standard)								
Voltage(V)	220/230/240 ± 1%								
Frequency(Hz)	50 ± 0.1%								
Waveform	Pure Sine Wave								
THDv	THD < 3% Linear Load, <5% Non-Linear Load								
Overload	125% of rated load last for 10 minutes, 150% of rated load last for 60 second								
Isolation Transformer	Inbuilt Isolation Transformer								
<b>BATTERY</b>									
Battery type	VRLA or SMF								
Battery voltage	96Vdc	120/180 Vdc	180 / 192 Vdc						
Charger current (Max)	10-12 Amp Standard (Adjustable from front panel display Low/High Battery Cut off adjustable)								
Recharge Time	< 10hours to 95%								
<b>OTHER FEATURES</b>									
Display	LCD display indicating (Input voltage, Output voltage, Input frequency, Output frequency, load capacity, battery voltage) LED indications : Mains, AC Mode, DC Mode, Low battery, Overload								
Alarm	Battery low voltage, abnormal power supply, UPS failure, Overload								
Protection	DC Under/ Over Voltage, Output Under/ Over Voltage, Short circuit(Inverter Trip) etc.								
Noise (db)	<48 dB (1meter)								
Efficiency	Upto 90%								
Communication interface	RS232, SNMP, Dry contact (optional)								
Temperature & RH	0 ~ 40°C, 0 ~ 95%, No condensation								
Dimension (WxDxH)mm	460x260x445	610x285x445	460x260x445	460x260x445	460x260x445	613x330x670	613x330x670		
Weight (kg.)	30 Kg	51 Kg	98 Kg	52 Kg	99 Kg	73 Kg	76 Kg	104 Kg	

Specifications are subject to change without prior notice.

Mktg & Mfd By :



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