

On-Line DC Output UPS

- Microprocessor Based Design
- Universal Input Range (110V/220V)
- On-Line Structure, Zero Transference.
- Frequency Auto-Detect, 47Hz-70Hz.
- Full Operation Data Indication, including Input / Output Status, Battery in Charging / Low / Replacement, Normal / Backup, & Fault.
- Protection for Overload / Short - circuit.



SOLTEC

Uninterruptible Power Supply
BD-050

UPS SPECIFICATIONS

MODEL		BD-050 (12Vdc)	BD-050 (24Vdc)	BD-050 (48Vdc)
CAPACITY	VA / Watts	50W (12V / 4.15A)	60W (24V / 2.5A)	48W (48V / 1A)
INPUT	Voltage	110V / 220V Auto Detect		
	Current (Max.)	1A / 0.5A depending on Input Voltage		
	Frequency	45Hz - 70Hz		
OUTPUT	Voltage	12Vdc (+3%, -20%)	24Vdc (+3%, -20%)	48Vdc (+3%, -20%)
	Current (Max.)	4.15A	2.5A	1A
TRANSFER TIME		Zero		
BATTERY	Type	Sealed Lead – Acid, maintenance free		
	Recharge Time	Approx. 3hrs to 90%		
	Voltage / Capacity	12V 7Ah X 2 pcs		
	Backup Time	About 100 min. at full load, or about 4 hours at half load		
LED INDICATION	Input Status	110V or 220V		
	Output Status	24VDC Normally or not		
	Battery Status	Charging, Backup, Low Level, and Replacement		
	Failure	Short Circuit		
PROTECTION	Overload	YES, Auto Recover		
	Output Short Circuit	YES, Auto Recover		
	Input Short Circuit	YES, Protected by fuse		
CHARGER	Recharge Voltage	27V		
	Recharge Method	Phase control		
	Recharge Current	2.5A Max.		
	Protection	Charging Voltage and Over Charge Protected by Micro Processor		
OPERATION TEMPERAURE		0 - 50°C		
OPERATION HUMIDITY		30 - 95% Non-Condensing		
DIMENSION (W x H x D)		35 x 22 x 10 (CM)		
WEIGHT (N.W. / G.W.)		10 / 11 Kgs		
NOISE		< 35 DB (at 1 Meter)		

STD.001.9-11-07



Uninterruptible Power Supplies

