



# ADVANCE BACKUP SYSTEM



- Micro controller based compact design supported by microchip • Develops gravity faster among its peers
- Zero Volt battery pickup • Intellicharge Management - Boost based multistage charging
- Wide input voltage & frequency range • Multistage software & hardware protection • Noiseless operation
- Temperature management ensures reliability • Resettable CKT breaker peace of mind • ZCT ensure reliability
- Heavy load pickup • Surge protection • Unmatched power delivery • In a Wink changeover





Technical Specifications of Upcoming Products				
CURVE SERIES H BRIDGE UPS				
Parameter		Specification		
Model	CURVE SERIES	HB 1060	HB 1260	HB 1460
Rating		900VA	1050VA	1200VA
Input Voltage	INV Mode	90-295V AC±10V		
	UPS Mode	180-265V AC±10V		
Output Voltage on Mains mode		Same as Input		
Output Voltage on UPS mode		220V±12%		
Output frequency on UPS mode		50 Hz±0.1 Hz		
Changeover		Automatic		
Output waveform on mains mode		Same as Input		
Output waveform on UPS mode		Modified Square wave		
Battery Charging Current	NC	12A ± 3A		
	HC	15A ± 3A		
Battery Charging Cut off Voltage	TUB/STD(Boost)	14.5V ± 0.3V/14.2V ± 0.3V		
	TUB/STD(Float)	14.1V ± 0.3V/13.8V ± 0.3V		
Charger Topology		CCCV		
Running Load		58A ± 2A	67A ± 2A	76A ± 2A
Overload		62A ± 2A	70A ± 2A	80A ± 2A
Battery Low Alarm		10.8V ± 0.2V DC		
Battery Low Shutdown		10.5V ±0.2V DC		
Efficiency		>80%		
Technology		High End Micro Controller based design		
UPS transfer time		<15ms		
Auto Reset Feature		Available		
Display		Available		
Temperature Protection		Available		
Operating Temperature		-10°C to 45°C		

• INVERTER • BATTERY • E-RICKSHAW BATTERY • PCU • E-RICKSHAW BATTERY CHARGER • HIGH CAPACITY INVERTER