

Technical Specifications for 1KVA/1.5KVA/2KVA U.P.S. :-

Sr. No.	Model name and number	MP-BMT 1KVA/1.5KVA/2KVA
	INPUT	
01	Battery Voltage (D.C.)	24 Volts
02	Input voltage	180-260 volts
	OUTPUT	
01	Output Voltage (A.C.Mains mode)	Same as input
02	Output Voltage (U.P.S. mode)	230V ± 5%
03	Output Frequency (U.P.S. mode)	50Hz ± 1Hz
04	Output (A.C. Mains mode)	Same as input
05	U.P.S. Mode Output	Pure Sine Wave
	U.P.S. Type	OFF Grid & OFF Line
01	Battery Charging Current	Constant Current charging at approx. 6% of the rated battery current in AH
02	Charging Technology	Power factor controlled Boost Tech.
03	Switching from a.c. mains to U.P.S. mode and from U.P.S. Mode to a.c. mains	Automatic
04	Technology	dsPIC Based Design
05	Performance Efficiency	> 88% to 96%<
	PROTECTIONS	
01	Overload Protection	120%
02	Short Circuit Protection	300%
03	Battery Higher Cut off Voltage (Adjustable)	27 Volt to 29 Volt
04	Battery lower Cut off Voltage (Adjustable)	22.5 Volt
	INDICATIONS	
01	L.C.D. Panel	LCD panel indication of Bat.Vol., Charg. Crt., Mains ON, Input Vol., Load ON, Overload, Short Ckt., Solar Charging ON
	SOLAR SPECIFICATIONS (Optional)	
01	Solar charging current	20 Amps. To 40 Amps.
02	Battery Full Voltage Cut off	28.5V
03	P.V. Panel Voc Max	45V

Note: Above mentioned specifications are for reference only. Actual specifications may not perfectly match with above specifications.

Technical Specs. For 3KVA off line U.P.S.:-

Sr. No.	Model name and number	HP-BMT 3KVA
	INPUT	
01	Battery Voltage (D.C.)	36Volts / 48 Volts
02	Input voltage	180-260 volts
	OUTPUT	
01	Output Voltage (A.C.Mains mode)	Same as input
02	Output Voltage (U.P.S. mode)	230V ± 5%

03	Output Frequency (U.P.S. mode)	50Hz ± 1Hz
04	Output (A.C. Mains mode)	Same as input
05	Output (U.P.S. mode)	Pure Sine Wave
	U.P.S. Type	OFF Grid & OFF Line
01	Battery Charging Current	Constant Current charging at approx. 6% of the rated battery current in AH
02	Charging Technology	Power factor controlled Boost Tech.
03	Switching from a.c. mains to U.P.S. mode and from U.P.S. mode to a.c. mains	Automatic
04	Technology	dsPIC Based Design
05	Performance Efficiency	> 88% to 96%<
	PROTECTIONS	
01	Overload Protection	120%
02	Short Circuit Protection	300%
03	Battery Higher Cut off Voltage (Adjustable)	42 Volt / 58 Volt
04	Battery lower Cut off Voltage (Adjustable)	34.5 Volt / 46.5 Volt
	INDICATIONS	
01	L.C.D. Panel	LCD panel indication of Bat.Vol., Charg. Crt., Mains ON, Input Vol., Load ON, Overload, Short Ckt., Solar Charging ON
	SOLAR SPECIFICATIONS (Optional)	
01	Solar charging current	40 Amps.(max)
02	Battery Full Voltage Cut off	42.5 Volt / 55.2 Volt
03	P.V. Panel Voc Max	68 Volt

Note: Above mentioned specifications are for reference only. Actual specifications may not perfectly match with above specifications.

Technical Specs for . 4KA/ 5KVA/7.5KVA/10KVA U.P.S. :-

Sr. No.	Model name and number	VHP-BMT 4KA/ 5KVA/7.5KVA/10KVA
	INPUT	
01	Battery Voltage (D.C.)	48 Volts / 60 Volts/96Volts/120Volts
02	Input voltage (U.P.S.mode)	180-260 volts
	OUTPUT	
01	Output Voltage (A.C.Mains mode)	Same as input
02	Output Voltage (U.P.S. mode)	230V ± 5%
03	Output Frequency (U.P.S. mode)	50Hz ± 1Hz
04	Output (A.C. Mains mode)	Same as input
05	Output (U.P.S. mode)	Pure Sine Wave
	U.P.S. Type	OFF Grid & OFF Line
01	Battery Charging Current	Constant Current charging at approx. 6% of the rated battery current in AH
02	Charging Technology	Power factor controlled Boost Tech.
03	Switching from a.c. mains to U.P.S./ inverter and from U.P.S./ inverter to a.c. mains	Automatic
04	Technology	dsPIC Based Design

05	Performance Efficiency	> 88% to 96%<
PROTECTIONS		
01	Overload Protection	120%
02	Short Circuit Protection	300%
03	Battery Higher Cut off Voltage (Adjustable)	58.5 Volt
04	Battery lower Cut off Voltage (Adjustable)	46.5 Volt
INDICATIONS		
01	L.C.D. Panel	LCD panel indication of Bat.Vol., Charg. Crt., Mains ON, Input Vol., Load ON, Overload, Short Ckt., Solar Charging ON
SOLAR SPECIFICATIONS (Optional)		
01	Solar charging current	60 Amps.(max)
02	Battery Full Voltage Cut off	55.2V
03	P.V. Panel Voc Max	92V

Note: Above mentioned specifications are for reference only. Actual specifications may not perfectly match with above specifications.