



**INPUT**

Specification	Controller	String Sensor
Voltage Range	18 ~ 36V DC	12 ~ 36V DC
Voltage Nominal	24V DC	24V DC
Power	L @ W	24V DC

**Controller**

Specification	IBMS-1204	IBMS-1202
CPU	ARM Cortex A8 800MHz	
Display	LCD with high resolution	
RAM	512 MB	
Ports	4 RS485 strings, 2 Ethernet	2 RS485 strings, 2 Ethernet, 4DI, 2AI, 1 DO
Communication	TCP/IP, Web based GUI, SNMP (optional)	
Dimensions (WxDxH)	90mm x 68mm x 94mm	

**String Sensor**

Specification	
Measuring Voltage Range	20VDC to 800V DC (+/- 0.5%)
Measuring String Current	-1000A ~ 1000A (By Hall Sensor)
Ports	1 RS-485, 2 RJ 11, 1 Hall Sensor
Power Consumption	1 W Max.

**Cell Sensor**

Specification	12V DC Cell Sensor	2V DC Cell Sensor
Voltage	12V DC	2V DC
Measuring Voltage Range	7.56V to 15.6 (+/-0.2%)	1.6V to 2.6V (+/-0.2%)
Measuring Internal Temp	-20 to 85 deg C (+/- 1 deg C)	
Measuring Impedence Range	0.1 mOhm to 100mOhm	
Power Consumption	Running : 120mW Sleeping : 10mW	Running : 170mW Sleeping : 12mW
Communication	CAN communication with string sensor	

**General**

Specification	
Operating Temp Range	-10 to 55 deg C
Humidity	10% to 95% (non condensing)
Safety Standards	CE

\*Specifications are subject to change without prior notice.  
 \*\* For additional information contact : crm@bpe.co.in