

Product Specification for 48V/150A for BMS

48V/150A BMS 電池管理系統規格書

ITEM		Unit	Min	Typical	Max
Charge CC/CV	Standard Charging Voltage	V		54.6	
	Max Charge Current	A		150	
Discharge	Discharge Voltage	V	36.4		54.6
	Max Continuous Discharge Current	A		150	
Over-Charge Protection(OVP)	OVP Detect Voltage (cell)	V		4.25	
	OVP Release Voltage (cell)	V		4..11	
	OVP Detect Delay Time	Sec		2	
	Over Charge Current Protect (COCP)	A		151	
	COCP Release as Avg current=0	S	60		120
Under Voltage Protection(UVP)	UVP Detect Volt (cell)	V		2.80	
	UVP Detect Delay Time	Sec		5	
	UVP Release Voltage(cell)	V		3.0	
	UVP Current Consumption	uA		700	
Discharge Over Current Protection)	Max Continuous Discharge Current =	A		150	
	Discharge Over Current Protection(DOCP)	A	151		600
	DOCP Detect Delay Time (Adjustable)	S		20	
	Second DOCP >	A	600		
	Second DOCP Detect Delay Time	mS		31	
	Short Circuit Protection(SCP) > =	A	1250		
	Short Circuit Protection(SCP.) Delay Time	uS		550	
	SCP Release as Avg current=0	S	60		120
Cell Balance	Balance Start Volts@ Delta V.> V or	V		4.09	
	Balance Release@ Delta V< V or	V		4.09	
	Balance Capability	mA			170
Over Temperature Protection(OTP)	Charge OTP when Temperature out of	°C	0		50
	Charge OTP Release as temp. returns in	°C	5		45
	Dischg OTP when temperature out of	°C	-20		60
	Dischg OTP Release as temp. returns in	°C	-10		50
Current Consumption	Working Current Consumption in average	uA		700	
Temperature	Ambient Temp.	°C	- 20	25	45
BTS	NTC 10k+/-1% Ohm b=3435K +/-2%				
Dimension	**	mm			

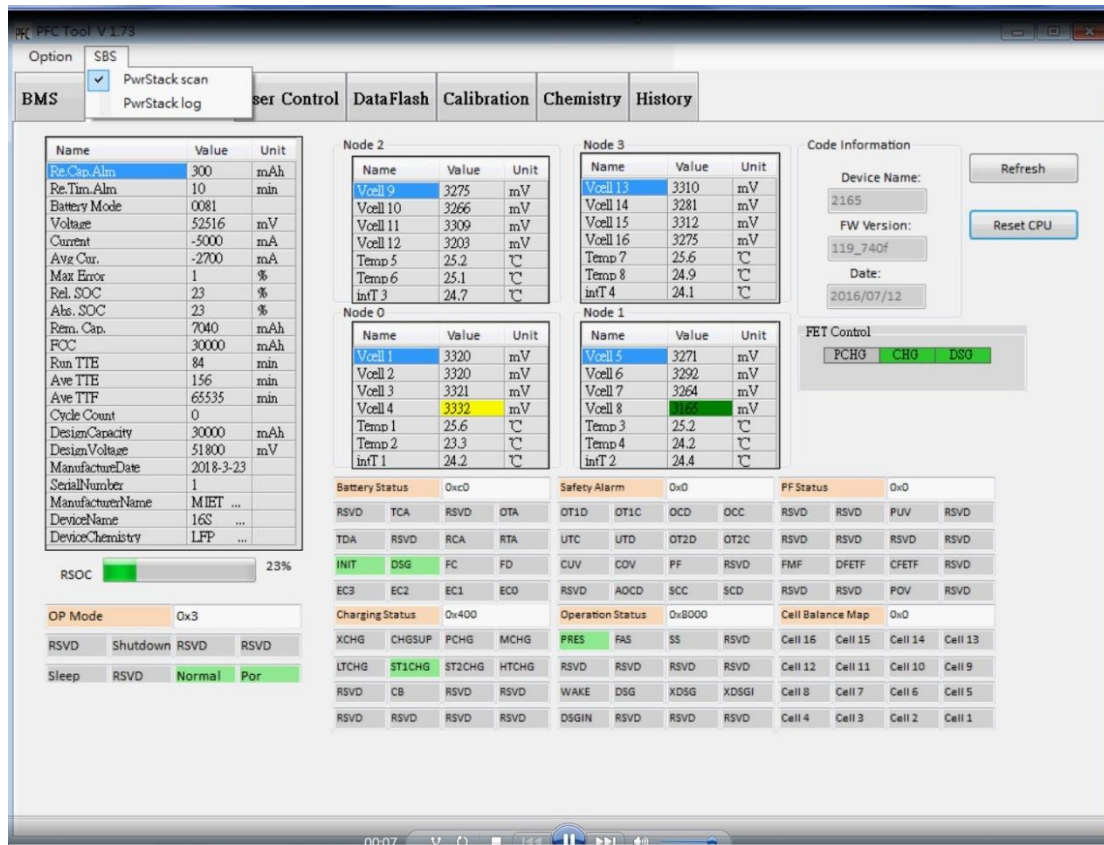
48V/200A BMS 電池管理系統規格書

Product Specification for 48V/200A BMS

ITEM		Unit	Min	Typical	Max
Charge CC/CV	Standard Charging Voltage	V		57.6	
	Max Charge Current (default)	A		200	
Over-Charge Protection(OVP)	OVP Detect Voltage (cell)	V		3.75	
	OVP Release Voltage (cell)	V		3.50	
	OVP Detect Delay Time	Sec		2	
	Over Charge Current Protect (OCCP) (default)	A		201	
	OCCPRelease as Avg current=0	S	60		120
Under Voltage Protection(UVP)	UVP Detect Volt (cell)	V		2.40	
	UVP Detect Delay Time	Sec		5	
	UVP Release Voltage(cell)	V		2.80	
	UVP Current Consumption	uA		700	
Discharge Protection (Adjustable)	Max Continuous Discharge Current =	A		200	
	Over Discharge Current Protection(DOCP)	A	201		600
	DOCP Detect Delay Time	S		20	
	Second DOCP >	A	600		1250
	Second DOCP Detect Delay Time	mS		31	
	Short Circuit Protection(SCP) > =	A	1250		
	Short Circuit Protection(SCP.) Delay Time	uS		550	
	SCP. Release as Avg current=0	S	60		120
Cell Balance	Balance Start Volts@ Delta V. > V or	V		3.45	
	Balance Capability	mA			170
Over Temperature Protection(OTP)	Charge OTP when Temperature out of	℃	0		60
	Charge OTP Release as temp. returns in	℃	5		50
	Dischg OTP when temperature out of	℃	-20		75
	Dischg OTP Release as temp. returns in	℃	-10		65
Temperature	Ambient Temp.	℃	- 20	25	45
Dimension	**	mm			

BMS 管理系統監控診斷軟體

BMS Monitoring Management Software



BMS 應用：

兆豐公司 BMS 管理系統層面涵蓋各低、中、高電流電壓軟、硬件產品運用範圍，建立電池、電機、電控即時通訊人、機界面，實現三維化、數位化精密電機工程功能品質。

BMS Application:

MIET's BMS manages all levels of system information to provide & enlarge the hardware & software application fields, set up real-time battery, modules & control interfaces, customized & unique defined three-dimensional, digital, precise power product quality.