



Main Controller : S1000M3A180

Module

S1000M3A180

Basic Parameters	
Related Product	PowerCube-M3A180
AC Supply for BMS/FAN	100 - 290Vac/50Hz/1.3A
System Operation Voltage (Vdc)	0~ 1000
Operation Current (Max.) (A)	100
Self-consumption Power(W)	8
Dimension (W*D*H, mm)	375×710×171.5
Communication	MODBUS RTU/CAN
Protection Class	IP20
Weight(kg)	19
Operation Life	15+
Operation Temperature	-20~65
Storage Temperature	-40~80

BMS Function

Protection and Alarm

- Charge/Discharge End
- Charge Over Voltage
- Charge/Discharge Over Current
- High/Low Temperature
- Operation Record
- Administrator Monitor: Current, Voltage, Temperature, SOC&SOH.

Management and Monitor

- Cells Balance
- Intelligent Charge Model
- Capacity Retention Calculate
- Isolation and Protection
- Alarm and Protection