



**Main Controller : SC500-100S**

**Module**

**SC500-100S**

Basic Parameters	
Related Product	PowerCube-X1
Controller Working Voltage(Vdc)	60~600
System Operation Voltage(Vdc)	60~600
Charge/Discharge Current(Max.)(A)	100
Self-consumption Power(W)	8
Dimension (W*D*H, mm)	442*390*132
Communication	Modbus RTU/CAN
Protection Class	IP20
Weight(kg)	8.5
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