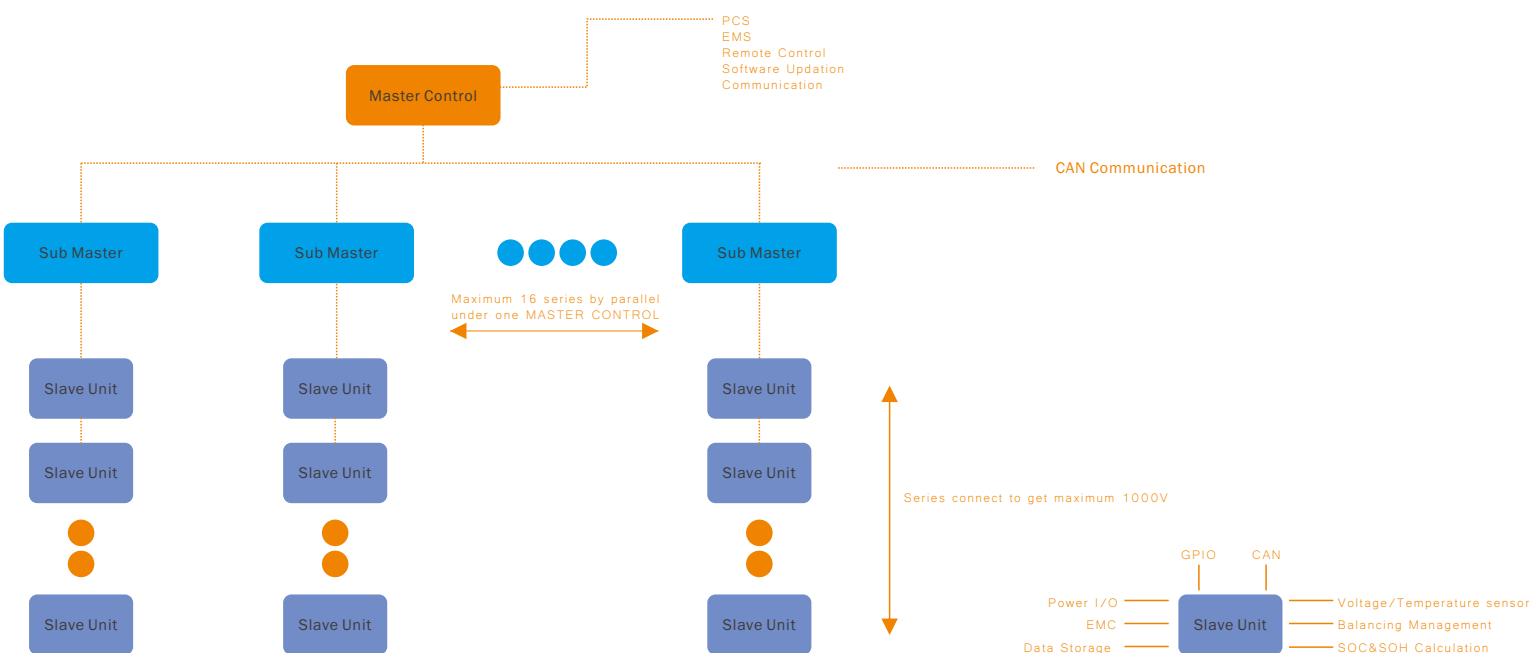


Soltaro High Voltage BMS Structure-1000V



Soltaro Basic Module Datasheet



Model	SL-HV-3.07-Superior	SL-HV-3.84-Lite
Cell Technology	LiFePO4	LiFePO4
Nominal Capacity	3.07KWH	3.84KWH
Useable Capacity	80% DOD, 2.45KWH	80% DOD, 3.072KWH
Nominal Voltage	38.4V	38.4V
Voltage Range	30V-43.8V	30V-43.8V
Rated Current	80A	100A
Max Charge/Discharge Current	160A for 10S	200A for 10S
Protection	Over/Less Voltage, Over/Less Current, Over Temperature etc.	
Communication	CAN/RS485	CAN/RS485
Charge Temperature Range	0-40°C	0-40°C
Discharge Temperature Range	-20~55°C	-20~55°C
IP Rating	Ip20	Ip20
Calendar Life [Years]	20 years @25 °C, 15 years @35 °C, 10 years @45 °C	
Cycling Performance	7,000 cycles at 80% DOD	6,000 cycles at 80% DOD
Size [W*H*D mm]	425*167*450mm	500*250*450mm
Weight [KG]	45KG	55KG
Standard Warranty	10 years for materials&workmanship	