

Electrical Characteristics						
Model	SLM5H12-L	SLM5H12-H	SLM7H12-L	SLM7H12-H	SLF5H12-H	SLF7H12-H
Chemistry	Li-ion				Lithium Iron Phosphate	
Typical Capacity at C/5 Drain Rate After Full Charge at C/5 at + 20°C	4.5AH(100%DOD)		7AH(100%DOD)		4.5AH(100%DOD)	7AH(100%DOD)
Rating	50Whr		78Whr		58Whr	90Whr
Max.Charge Current	2.5A		3.5A		2.5A	3.5A
Max.Discharge Continuous Current	5A	25A	7A	25A	5A	7A
Max.Discharge Peak Current	10A	35A	14A	35A	10A	14A
Nominal Voltage	11.1A				12.8A	
Max.Charge Cut-off Voltage	12.3A				14.2A	
Min.Discharge Cut-off Voltage	9A				11.2A	
Max.Charge Voltage	14.4A				14.4A	
Cycle Life	Hundreds of Cycles				Thousands of Cycles	
Operational Temperature Range						
Charge	0~45°C					
Discharge	-20~60°C					
Storage Temperature	-20~45°C					
Storage Humidity	60±25%					
Mechanical Characteristics						
L	150mm					
H	90mm					
W	65mm					
Weight	0.5Kg	0.7Kg	0.7Kg	0.9Kg	0.7Kg	0.9Kg