



Lithium-Ion Technology



Energy Storage

Always Active

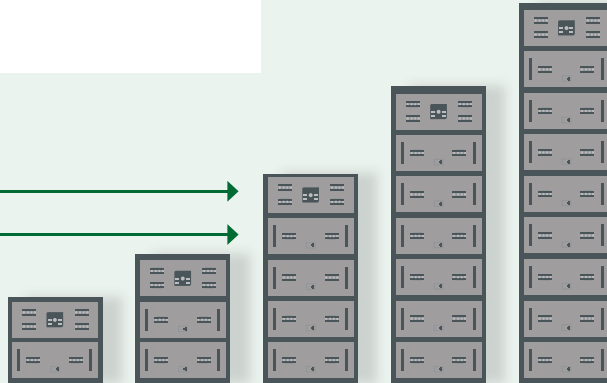
Technical leaflet

SUNLIGHT ENERGY STORAGE SYSTEMS PRODUCT RANGE



Power Unit (P.U.) →

Module →



Cabinet Options:

16U

22U

32U

42U

47U

Technical Specifications

Module Type	Option A - Standard	Option B - Heavy Duty				
Nominal Voltage	51.2V	51.2V				
Nominal Capacity	100Ah	150Ah				
Module Energy	5.12kWh	7.68kWh				
Module Dimensions (LxWxH) / Weight (Kg)	481mm x 725mm x 228mm / 77Kg	583mm x 725mm x 228mm / 110Kg				
Available Cabinet Options	16U, 22U, 32U, 42U, 47U	16U, 22U, 32U, 42U				
Battery Capacity Range at Cabinet Level	5.12kWh up to 35.84kWh (with 47U Cabinet)	7.68kWh up to 46.08kWh (with 42U Cabinet)				
Cabinet Size (LxW)	600mm x 800mm / 19-inch	800mm x 800mm / 23-inch				
Available Cabinet Heights (H) and offered Capacities	Height	Modules	Energy	Height	Modules	Energy
	16U	1 Module	5.12kWh	16U	1 Module	7.68kWh
	22U	2 Modules	10.24kWh	22U	2 Modules	15.36kWh
	32U	4 Modules	20.48kWh	32U	4 Modules	30.72kWh
	42U	6 Modules	30.72kWh	42U	6 Modules	46.08kWh
Cabinet: 1 Power Unit (P.U.) per Cabinet + Number of Modules	47U	7 Modules	35.84kWh			
	6 Parallel Cabinets: 204kWh			5 Parallel Cabinets: 199kWh		
Full System Capacity	6 Parallel Cabinets: 204kWh		5 Parallel Cabinets: 199kWh			
Battery Management System	Active Balancing BMS					
Protection Class	IP 20 (up to IP55 upon request)					
System Compatibility	Sunny Island SMA - Victron - Studer & Others					

Typical battery system connection topology

