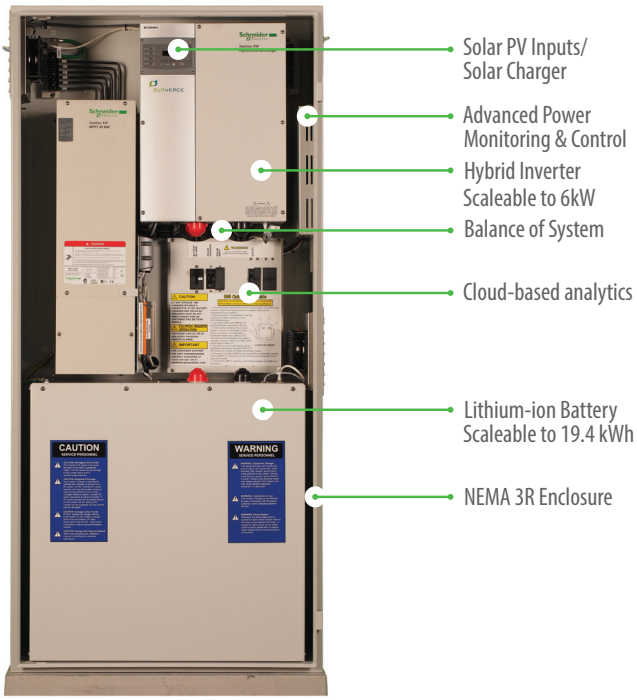
Model	SIS - 6848	SIS - 5548
AC Input/Output	60 Hz	
Continuous Output Power	6,000 W	4,500 W
Surge Rating (10 seconds)	7,000 W	6,000 W
AC Input Voltage	120/240 VAC Split Phase	
AC Output Voltage	L-N: 120 V +/- 3%; L-L: 240 V +/- 3%	
Recommended AC Breaker Size	40A	
Output Wave Form	True Sine Wave	
Total Harmonic Distortion	<5% at rated power	
Automatic Transfer Relay Rating/Typical Transfer Time from Grid Power to Back-Up	60 A / 8 milliseconds	
Inverter Peak Efficiency	95.7%	
CEC Weighted Efficiency	92.5%	93.0%

Certifications	
Inverter & Interconnection	UL 1741-2005 & CSA 107.1-01
	IEEE 1547, CSA 107.1
	FCC Class B
	CPUC Interconnection Rule 21
Battery	UN 38.3, UL 1973, UL 1642
Enclosure	NEMA 3R, UL 50E
Fully Integrated System	UL 1741, UL 1778

Battery	All Models
Battery Type	Li-Ion
Battery Voltage	48 V
Battery Capacity (Nameplate)	Modular 7.7 kWh, 11.6 kWh, 15.5 kWh & 19.4 kWh



Advanced Controls Software	All Models
System Network	CAN BUS
External APIs	HTTPS Web Services
Remote Communications	HTTPS Over TCP/IP
Local Communications	Ethernet or Cellular (additional option)
Control Frequency	<500 milliseconds
Support	24/7 software management support

DC Input (Input from PV Array)	MPPT 80 600	MPPT 60 150
SCC Operating Range	195-510 V	48-140 V
SCC Operating Current	≤ 23A	≤ 60 A
Maximum PV Open Circuit	600 V	150 V
Maximum PV Short Circuit	35 A	60 A
Ground Fault Protection	GFDI Rate: 1 A	GFDI Rate: 1A
Overcurrent Protection	Yes. > 0.5A	Yes. > 0.5A
SCC Inputs	3	1
DC Bus Ground	Enclosure Ground	Enclosure Ground

Mechanical	All Models
Size	76 in (192 cm) x 34 in (86 cm) x 14 in (36 cm)
Weight	702 lb (318 kg) with 7.7 kWh Battery 888 lb (403 kg) with 19.4 kWh Battery
Outdoor/Rainproof	NEMA 3R: IEEE C57.12.52 Section 6 C57.28 Section 4
Ambient Air Temperature Operating Range*	-4° F(-20° C) to 122° F(50° C) (optional heater available)
Cooling	Forced Air
Paint	IEEE C57.12.28 Section 5, Powder Coating
Mounting	Anchor/Polycrete Pad
Grounding	Utility Ground
Nameplate	Conn. Diag. Rating ETC IEEE c57.12.00

*Performance may be limited in extreme hot and cold weather.