Model	Sunverge SIS 11.64	Sunverge SIS 19.4
AC Input/Output	50 Hz	
Continuous Output Power	5,000 W	
Backup Power Output at 25℃	6,800 W	
Surge Rating (Overload for 1 minute) at 25℃	12,000 W	
Surge Rating (Overload for 30 minutes) at 25℃	8,500 W	
AC Voltage	230 Vac Single Phase	
AC Inputs (Grid or Generator)	60 A 2-Pole	
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	8 milliseconds	
Peak Efficiency	95.8%	
Capacity	11.64 kWh	19.4 kWh
Usable	9.9 kWh (85% DoD)	16.5 kWh (85% DoD)
Warranty	10 years	

Certifications	
Inverter & Interconnection	IEC 62109-1, IEC 62109-2, AS3100
	AS 4777.2, AS 4777.3
	EN61000-6-1, EN61000-6-3, EN61000-3-2
	EN50178
Battery	UL 1973
Fully Integrated System	UL 1741 and UL 1778

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)
Command Latency	< 500 milliseconds
Support	24/7 software management support

Battery	All Models
Battery Type	Li-Ion
Battery Voltage	52 Nominal
Lifecycle	7000 cycles

DC Input (Input from PV Array)	All Models
SCC Operating Range	195-510 V
Maximum PV Open Circuit Volts	600 V
Maximum PV Short Circuit Amps	35 A
Ground Fault Protection	GFDI Rate: 1 A
Electronic Overcurrent Protection	Yes. > 0.5A
SCC Inputs	Three
DC Bus Ground	Enclosure Ground

- Solar PV Inputs/Solar Charger
- Advanced Power Monitoring & Control
- Hybrid Inverter Scaleable to 6kW
- Balance of System
- Cloud-based analytics
- Lithium-ion Battery Scaleable to 19.4 kWh
- NEMA 3R Enclosure
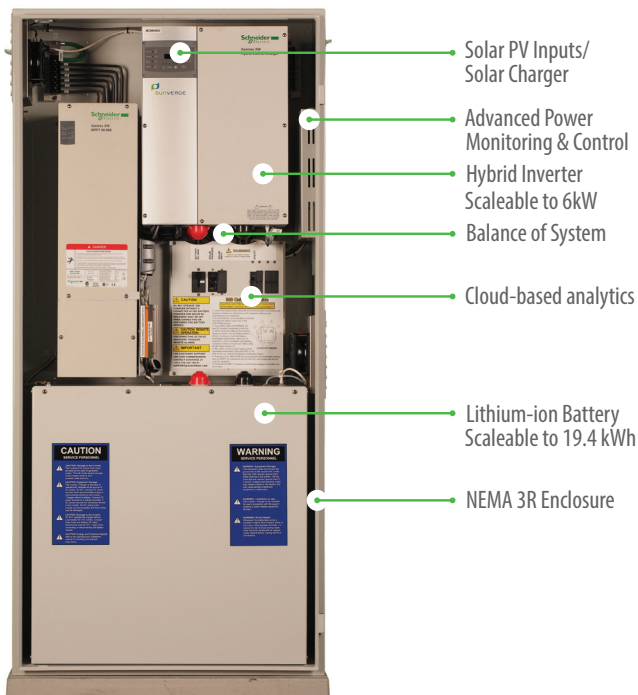
Mechanical	All Models
Size	186 cm x 86 cm x 36 cm
Weight	346 kg with 11.6 kWh Battery / 435 kg with 19.4 kWh Battery
Outdoor/Rainproof	NEMA 3R: IEEE C57.12.52 Section 6 C57.28 Section 4
Ambient Air Temperature Operating Range	-20° C to 50° C
Cooling	Forced Air
Paint	IEEE C57.12.28 Section 5, Powder Coating
Mounting	Anchor/Polycrete Pad
Grounding	Utility Ground
Nameplate	Conn. Diag. Rating ETC IEEE c57.12.00

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