All-in-One Balcony ESS

SPRING

X-MS 2700 2.66 kWh



Features

- Up to 2400W solar input with 4 MPPTs
- All-in-one compact design, plug-and-play installation
- Integrated Aerosol Fire Suppression
- UPS-level switchover
- DIY expansion to 16 kWh capacity
- IP65 ingress protection
- Built-in battery heating function, reliable performance in extreme temperature (-20°C)
- Zero waste with self-consumption
- Long-lasting power with 6000 charge cycles
- Support TOU mode to maximize family benefits

solaxpower
www.solaxpower.com
info@solaxpower.com
+86 571-56260008

*V1.9 Information may be subject to modify without notice. 650.00103.00



	X-MS 2700	X-MS 2700S1	X-MS 2700S2	X-MS 2700S3	X-MS 2700S4	X-MS 2700S5
BATTERY DATA						
Expansion Battery	0	1	2	3	4	5
Battery type	LFP					
Battery Rated voltage	25.6 V					
Battery Rated energy	2.66 kWh	5.32 kWh	7.98 kWh	10.64 kWh	13.31 kWh	15.97 kWh
Battery cycle life	≥6000					
PV INPUT						
Max. PV input power	2400 W					
Max. PV input voltage	60 V					
Operation voltage range	16 ~ 60 V					
Max. PV input current	18 A					
Max. input short circuit current Isc	20 A					
No. of MPP trackers	4					
AC ON-GRID						
Rated output apparent power	800 VA					
Rated AC output voltage	220 V / 230 V / 240 V					
Rated AC voltage range	180 ~ 276 V					
Rated AC frequency	50 Hz / 60 Hz					
AC frequency / range	50 ± 5 Hz / 60 ± 5 Hz					
Rated output current	3.64 A / 3.48 A / 3.34 A					
Power factor range	~ 1 (0.8 lagging to 0.8 leading)					
Max. AC Input Power	2300 W					
Max. Input Current	10 A					
AC OFF-GRID						
Rated output power	1000 VA					
Peak output apparent power	1600 VA , 10s					
Rated AC output voltage	220 V / 230 V / 240 V					
Rated AC frequency	50 Hz / 60 Hz					
Max. AC output current	7.28 A / 6.96 A / 6.67 A					
Max. AC Bypass Output Power	2300 W					
GENERAL						
Ingress protection	IP65					
Operation temperature range	-20 ~ 55°C					
Relative humidity	5 ~ 95% (No Condensing)					
Max. operation altitude	3000 m					
Dimensions (W x H x D)	480 x 240 x 240 mm	480 x 470 x 240 mm	480 x 700 x 240 mm	480 x 930 x 240 mm	480 x 1160 x 240 mm	480 x 1390 x 240 mm
Weight	27.0 kg	52.0 kg	77.0 kg	102.0 kg	127.0 kg	152.0 kg
Cooling concept	Natural cooling					
Communication	WiFi & Bluetooth					
STANDARD						
Safety	IEC62109-1 / -2					
EMC	IEC62619, UN38.3, IEC / EN 61000-6-1, IEC / EN 61000-6-2, IEC / EN 61000-6-3, IEC / EN 61000-6-4, CE-RED					
Certifications	VDE4105 / 0124, IEC61727 / 62116, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002					