

A wide-angle photograph of a city skyline at dusk or dawn. The sky is a deep orange and yellow, with a crescent moon visible in the upper left. The city lights are visible in the foreground and middle ground, creating a bright glow against the darkening sky.

SOLUNA

POWER DESIGNED FOR NIGHT AND DAY



ENVIRONMENT

Power designed for clean and affordable energy. Becoming eco-friendly can start at home.



SECURITY

The safety and security of your home is one more thing you don't have to worry about.



INDEPENDENCE

Gain freedom from the standards of electricity, powering your home with solar energy.

BATTERY MODULE BES 2.5K PACK

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	2.56 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	25.6 V
Certification	TBD
Max Charge	75 A
Max Discharge	100 A
Operating Temperature	-10° to 50°C
Storage Temperature	-20 to 60 (≤7 days) -20 to 45(≤1 month) 0 to 45 (≤3 months) 0 to 25 (≤1 years)
Humidity Conditions	5% to 95%

MISCELLANEOUS

Weight	25 kg
Dimensions	(H x W x D) 350mm x 460mm x 150mm

BATTERY MODULE EVO 5K PACK

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	5.12 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2 VDC
Certification	UL1642
	UL1973,UL9540A
	and IEC62619
Max charge	75A
Max Discharge	100A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Floor Install in an indoor and/or covered outdoor area, or inside a power bank casing
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Weight	43.5kg /95.9 lbs
Dimensions	(H x W x D) 442mm x 498mm x 132.5mm

BATTERY MODULE EOS 5K PACK

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	5.12 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2 VDC
Certification	UL1642 UL38.3 . UL1973 . IEC62619 CE.RoHS

Max charge	100A
Max Discharge	100A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor
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Weight	60 kg
Dimensions	(H x W x D) 438mm x 595mm x165mm

BATTERY MODULE BES 5K PACK

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	5.12kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2V
Certification	UL1642 UN38.3,UL1973,UL9540A IEC62619,CE,RoHS

Max Charge	75A
Max Discharge	100A
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	48kg
Dimensions	(H x W x D) 595mm x 420mm x 157mm

BATTERY MODULE 10K PACK LV

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	10kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2 V
Certification	UL1642 UN38.3, UL1973, UL9540A IEC62619, CE, RoHS
Max Charge	100A
Max Discharge	200A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	100 kg
Dimensions	(H x W x D) 760mm x 500mm x 215mm

Venus 16K Pack LV

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	16.07 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2 V
Certification	TBD
Max Charge	160A
Max Discharge	220A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	127 kg
Dimensions	(H x W x D) 850mm x 545 mm x 220mm

Jupiter 32K Pack LV

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	32.153 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2 V
Certification	TBD
Max Charge	290A
Max Discharge	290A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	260kg
Dimensions	(H x W x D) 1125mm x 665mm x 220mm

LIBERTY

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	30.72 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	51.2 V
Certification	UL1642 UN38.3,UL1973,IEC62619 CE RoHS
Max Charge	180A
Max Discharge	180A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor
Weight	430 kg
Dimensions	(H x W x D) 1340mm x 600mm x 650mm

BATTERY MODULE 6K PACK HV

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	6 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	153.6 V
Certification	UL1642 UL9540A, UL1973 CE RoHS, IEC62619 UN38.3
Max Charge	40A
Max Discharge	40A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	74kg / 163 lbs
Dimensions	(H x W x D) 971mm x 654mm x 227mm 38.2" x 25.7" x 8.9"

BATTERY MODULE 10K PACK HV

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	10 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	268.8 V
Certification	UL1642
	UL9540A, UL1973
	CE RoHS IEC62619
	UN38.3
Max Charge	40A
Max Discharge	40A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	103 kg / 227 lbs
Dimensions	(H x W x D) 971mm x 654mm x 227mm 38.2" x 25.7" x 8.9"
Warranty	10-year standard warranty

BATTER MODULE 15K PACK HV

TECHNICAL SPECS



POWER

Battery Type	Lithium Ion battery
Capacity	15 kWh
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Voltage	384 V
Certification	UL1642 UL9540A, UL1973 CE RoHS IEC62619 UN38.3
Max Charge	40A
Max Discharge	40A
Operating Temperature	-10° to 50°C
Storage Temperature	-20°C to 60°C
Humidity Conditions	5% to 95%

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	146.8kg / 324lbs
Dimensions	(H x W x D) 1205mm x 654mm x 227mm 47.2" x 23.6" x 7.9"

Soluna HV

TECHNICAL SPECS



POWER

Cell technology	LFP
Battery Capacity (Ah)	40
Charge/Discharge Current (A,Nominal)	20/20
Charge/Discharge Current (A,Max)	20/40
Short circuit current (A)	<3000
Recommend Depth of Discharge (%)	80
Max Depth of Discharge (%)	90
Cycle life @ 25°C (under standard charge and discharge conditions)	≥8000
DC Disconnect	Contactor/Fuse
Operating Temperature (Recommended)	15~30°C
Storage Temperature	-20~60°C
Altitude	Max.2.000 m

MISCELLANEOUS

Production Certificates	IEC62619 & CE
Transportation	UN38.3
Ingress Rating	IP65

Soluna HV Ultra

TECHNICAL SPECS



POWER

Cell technology	LFP
Battery Capacity (Ah)	100
Charge/Discharge Current (A,Nominal)	50/50
Charge/Discharge Current (A,Max)	50/100
Short circuit current (A)	<3000
Recommend Depth of Discharge (%)	80
Max Depth of Discharge (%)	90
Cycle life @ 25°C(under standard charge and discharge conditions)	≥8000
DC Disconnect	Contactor/Fuse
Operating Temperature(Recommended)	15~30 °C
Storage Temperature	-20~60 °C
Altitude	Max.2.000 m

MISCELLANEOUS

Production Certificates	IEC62619 &CE
Transportation	UN38.3
Ingress Rating	IP65

POWER CELL

TECHNICAL SPECS



POWER

Battery type	Lithium Ion battery
Total Energy Capacity	150 kWh
Usable Energy Capacity	135 kWh
Usable Energy Capacity	200Ah
Voltage Range	672-840V
Nominal Voltage	769V
Max Charge	100A
Max Discharge	200A
Recommended Depth of Discharge	80%
Max. Depth of Discharge	90%
Cycle life	6000
Communication	CAN
Operating Temperature(Recommended)	15-30 °C
Storage Temperature	-20-60 °C
Humidity	5%-95%
Certification	IEC62619, IEC62477-1, EMC, ROHS

MISCELLANEOUS

Installation	Indoor / Outdoor
Weight	1800kg
Dimensions	(H x W x D) 2050mm x 1200mm x 1050mm



S O L U N A

www.solunabattery.com

HAVE QUESTIONS **GIVE US A CALL:** +86-21-57475835
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