

Residential battery product list

This is a list of commonly used battery storage systems for reference purposes, and is not intended to be an exhaustive list. To be eligible for a rebate, battery energy storage systems must be certified to CUL 1973 and CUL 9540, and if installed in the habitable or living space of a dwelling must be tested to pass CUL9540A requirements. Lithium-ion batteries must be certified to CUL 1642. If there is a battery that meets these requirements that is not listed, please send the certification and data sheet to solarrebates@bchydro.com.

Note that battery storage systems on this list may include or require an inverter that must also be evaluated and approved by us after submitting your application, which may extend the processing time. Please refer to the [Commonly used inverter list](#) for more information.

*These battery storage systems are eligible for the Peak Rewards program, allowing BC Hydro to manage your system during times of high electricity demand.

Manufacturer	Model	Capacity (kWh)	Certifications
Eguana*	<u>Evolve LFP</u>	14.0	EMC: FCC Part 15 Class B UL 9540A , UL 1741SA, UL 1973, CSA 22.2 No 107.1, IEEE 1547 10 year / 60% capacity, pro-rated Utility Interface: CSIP Rule 21, HI Rule 14H
Eguana*	Evolve LFP Max	28.0	EMC: FCC Part 15 Class B UL 9540A , UL 1741SA, UL 1973, CSA 22.2 No 107.1, IEEE 1547 10 year / 60% capacity, pro-rated Utility Interface: CSIP Rule 21, HI Rule 14H
<u>Solar edge*</u>	<u>BAT-10K1PSOB-O2</u>	5.0	Cell UL 1642 Battery UL 1973, UL 9540A , UL 9540, UN 38.3 Emissions FCC Part 15 Class B
<u>Tesla Solar Powerwall</u>	<u>Solar Powerwall Model 3 (only)</u>	13.5	UL1973, UL 9540A , CB-IEC62619, CE-EMC, UN38.3, MSDS
MapleLeaf Power Systems	<u>MOOSE48V280A</u>	14.3	UL 9540A : UL 1741:2021 Ed.3 UL 1973: CSA 107.1 UL 1741SB IEEE 1547: 2018 IEEE 1547.1:2020 UL 1741 CSA C22.3 No.9:20 ANSI/CAN/UL 9540:2020 Ed.2 IEEE 1547.1 IEEE C37.90.1 IEEE C62.41.2 UL 1699B Photovoltaic(PV) UL 3741 Photovoltaic Hazard Control UL 1741 UL 1741 PCS UL 1998 UL 991 CSA C22.2 No 330 Photovoltaic Rapid Shutdown System CSA C22.2 No.9 292 DC Arc Fault Protection for Photovoltaic Applications
<u>FranklinWH</u>	<u>aPower</u>	13.6 kWh per unit	UL 9540A , UL 9540, UL 1741, UL 1973, IEEE 1547, IEEE 1547.1, UN 38.3,CAN/CSA C22.2 No. 107.1-16 Seismic: AC 156, OSHPD, IEEE 693-2005 (high) Environmental: California Proposition 65, RoHS Directive 2011 / EU Emissions: FCC Part 15 Class B, ICES 003
<u>FranklinWH</u>	<u>aPower</u>	204 kWh up to 15 units	UL 9540A , UL 1741, UL 1973, IEEE 1547, IEEE 1547.1, UN 38.3,CAN/CSA C22.2 No. 107.1-16 Seismic: AC 156, OSHPD, IEEE 693-2005 (high) Environmental: California Proposition 65, RoHS Directive 2011 / EU Emissions: FCC Part 15 Class B, ICES 003

Manufacturer	Model	Capacity (kWh)	Certifications
Canadian Solar EP Cube	<u>Hybrid NA510G</u>	9.9	Integrated arc fault circuit interrupter (AFCI), PV RSD * UL 9540A , UL 1699B, UL 1741-SB, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UN 38.3, UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)
<u>Canadian Solar EP Cube</u>	<u>Hybrid NA613G</u>	13.3	Integrated arc fault circuit interrupter (AFCI), PV RSD * UL 9540A , UL 1699B, UL 1741-SB, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UN 38.3, UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)
Canadian Solar EP Cube	<u>Hybrid NA716G</u>	16.6	Integrated arc fault circuit interrupter (AFCI), PV RSD * UL 9540A , UL 1699B, UL 1741-SB, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UN 38.3, UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)
<u>Canadian Solar EP Cube</u>	<u>Hybrid NA720G</u>	19.9	Integrated arc fault circuit interrupter (AFCI), PV RSD * UL 9540A , UL 1699B, UL 1741-SB, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UN 38.3, UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)
Canadian Solar EP Cube	<u>CANADIAN-SOLAR-EP-CBLT-NA306G1</u>	6.6	UL 9540A , UL 1699B, UL 1741, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UN 38.3, UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)
<u>Big Battery</u>	<u>ETHOS-K0949</u>	10.2	UL 9540A , UL1973, & UN38.3
Big Battery	<u>ETHOS- K0950</u>	15.4	UL 9540A , UL1973, & UN38.3
<u>Big Battery</u>	<u>ETHOS-K0951</u>	20.2	UL 9540A , UL1973, & UN38.3
<u>SUNPOWER CORP</u>	<u>SunVault 13</u>	13.0	IFCC Part 15 Subclass B, IEEE 1547, UL 9540A UL 1973 (UL 1642), UL 1741, UL 1741 SA (CA Rule 21), UL 9540, UN 38.3
<u>SUNPOWER CORP</u>	<u>SunVault 26</u>	26.0	IFCC Part 15 Subclass B, IEEE 1547, UL 9540A UL 1973 (UL 1642), UL 1741, UL 1741 SA (CA Rule 21), UL 9540, UN 38.3
<u>SimpliPhi</u>	<u>A-XPHI-SA,</u> <u>A-XPHI-2SA-SP,</u> <u>A-XPHI-3SA-SP,</u> <u>A-XPHI-3SA-3P</u>	22.8 kWh, up to 164.2 kWh with additional BOSS cabinets	UL 9540A , UL1741SA Rule 21, HECO Rule 14H, PREPA approved and Rapid Shutdown compliant UL 9540, included batteries ETL certified and certified to UL 1973
<u>SimpliPhi</u>	<u>BOSS 12</u>	up to 45	UL 9540A , UL1741SA Rule 21, HECO Rule 14H, PREPA approved and Rapid Shutdown compliant UL 9540, included batteries ETL certified and certified to UL 1973
Blue Planet Energy (Hawaii)	<u>BlueWave</u>	3-48 kWh, 3 kWh increments	UL 9540A , UL 1642, UL 1741, UL 1973, UN 38.3, UL 1741 SA, IEEE 1547, RULE 21, HECO Listed
Blue Planet Energy (Hawaii)	<u>Blue ION HI</u>	8, 12 or 16 kWh configurations	UL 9540A , UL 1642, UL 1973, UN 38.3, cETLus EMISSIONS FCC Part 15 Class B, ICES-003 Class B
<u>Blue Planet Energy (Hawaii)</u>	<u>Blue Ion LX</u>	128.0	UL 9540A , UL 1642, UL 1973, UN 38.3, cETLus
<u>Panasonic EVERVOLT EV-B5</u>	<u>EverVolt-X10</u>	10.0	UN38.3, UL1973 UL9540, UL 9540A Hazardous Material Classification Class 9 Emissions FCC Part 15 Class B Grid Connection Standards IEEE1547, CA Rule 21, Rule14 (HI), HECO

Manufacturer	Model	Capacity (kWh)	Certifications
<u>Panasonic EVERVOLT EV-B5</u>	<u>EverVolt-X15</u>	15.0	Battery Certifications UN38.3, UL1973 System Certifications UL9540, UL 9540A Hazardous Material Classification Class 9 Emissions FCC Part 15 Class B Grid Connection Standards IEEE1547, CA Rule 21, Rule14 (HI), HECO
<u>Panasonic EVERVOLT EV-B5</u>	<u>EverVolt-X20</u>	20.0	Battery Certifications UN38.3, UL1973 System Certifications UL9540, UL 9540A Hazardous Material Classification Class 9 Emissions FCC Part 15 Class B Grid Connection Standards IEEE1547, CA Rule 21, Rule14 (HI), HECO
<u>Fortress Power</u>	<u>eVault Max 18.5</u>	18.5	UL 9540A , UL1642, UL1973, UL9540, CEC, SGIP
<u>Fortress Power</u>	<u>eFlex 5.4</u>	5.4	UL 9540A , UL1973, UL1642, CEC, SGIP
Fortress Power	<u>16.2kWh FlexTower Enclosure</u>	16.2	UL 9540A , UL1973, CEC, SGIP
<u>Fortress Power</u>	<u>21.6kWh with FlexTower Enclosure</u>	21.6	UL 9540A , UL1973, UL1642, CEC, SGIP
Fortress Power	<u>Product Code: FORTRESS-ENVY-DURA-16KWHBUNDLE</u>	18.5	UL 9540A , UL1973, CEC, SGIP
BYD (China)	<u>APX 10.0 P-SO-US</u>	10.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
BYD (China)	<u>HVL 12.0</u>	12.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
BYD (China)	<u>HVL 16.0</u>	16.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
BYD (China)	<u>HVL 20.0</u>	20.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
BYD (China)	<u>HVL 24.0</u>	24.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
BYD (China)	<u>HVL 28.0</u>	28.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
BYD (China)	<u>HVL 32.0</u>	32.0	UL 9540A / UL1973/ IEC60730/ FCC/ UN38.3
<u>HomeGrid</u>	<u>2 x Stacked Modules HG-FS48100-15OSJ1</u>	9.6	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
<u>HomeGrid</u>	<u>3 x Stacked Modules HG-FS48100-15OSJ1</u>	14.4	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
<u>HomeGrid</u>	<u>4 x Stacked Modules HG-FS48100-15OSJ1</u>	19.2	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
<u>HomeGrid</u>	<u>5 x Stacked Modules HG-FS48100-15OSJ1</u>	24.0	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
<u>HomeGrid</u>	<u>6 x Stacked Modules HG-FS48100-15OSJ1</u>	28.8	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
<u>HomeGrid</u>	<u>7 x Stacked Modules HG-FS48100-15OSJ1</u>	33.6	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
<u>HomeGrid</u>	<u>8 x Stacked Modules HG-FS48100-15OSJ1</u>	38.4	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe

Manufacturer	Model	Capacity (kWh)	Certifications
HomeGrid	<u>Compact CP1-LFP05120-1A01</u>	5.1	UL 9540A , UL 1642, UL 1973, UN 38.3, UL 9540, CEC, SGIP, OGPe
Enphase Energy	<u>IQ Battery 5P</u>	5.0	CA Rule 21 (UL 1741-SA), IEEE 1547:2018 (UL 1741-SB, 3rd Ed.), CAN/CSA C22.2 No. 107.1-16, UL 9540A , UN 38.3, UL 1998, UL 991, NEMA Type 3R, AC156 EMI: 47 CFR, Part 15, Class B, ICES 003, Cell Module: UL 1973,
Storz Power	<u>STORZ-POWER-AI-12K_10</u>	5.0	UL 1642, UN 38.3, ANSI/CAN/ UL-1973, UL 9540, UL 9540A , CA-SGIP, CEC, OGPe, ETL/Intertek tested & listed
Storz Power	STORZ-POWER-AI-12K_15	15.0	UL 1642, UN 38.3, ANSI/CAN/ UL-1973, UL 9540, UL 9540A , CA-SGIP, CEC, OGPe, ETL/Intertek tested & listed
Storz Power	STORZ-POWER-AI-15K_20	20.0	UL 1642, UN 38.3, ANSI/CAN/ UL-1973, UL 9540, UL 9540A , CA-SGIP, CEC, OGPe, ETL/Intertek tested & listed
Storz Power	<u>STORZ-POWER-AI-15K_15</u>	15.0	UL 1642, UN 38.3, ANSI/CAN/ UL-1973, UL 9540, UL 9540A , CA-SGIP, CEC, OGPe, ETL/Intertek tested & listed
Storz Power	<u>STORZ-POWER-AI-30K_30</u>	30.0	UL 1642, UN 38.3, ANSI/CAN/ UL-1973, UL 9540, UL 9540A , CA-SGIP, CEC, OGPe, ETL/Intertek tested & listed
Fox Energy Cube	<u>ECS4000-H2</u>	7.9	Safety: UL1973, UL9540, UL 9540A EMC: FCC Part15B Transportation: UN38.3 Ingress Protection: Type 4X
Fox Energy Cube	<u>ECS4000-H3</u>	11.9	Safety: UL1973, UL9540, UL 9540A EMC: FCC Part15B Transportation: UN38.3 Ingress Protection: Type 4X
Fox Energy Cube	<u>ECS4000-H4</u>	15.9	Safety: UL1973, UL9540, UL 9540A EMC: FCC Part15B Transportation: UN38.3 Ingress Protection: Type 4X
Fox Energy Cube	<u>ECS4000-H5</u>	19.9	Safety: UL1973, UL9540, UL 9540A EMC: FCC Part15B Transportation: UN38.3 Ingress Protection: Type 4X
Fox Energy Cube	<u>ECS4000-H6</u>	23.8	UL1973, UL9540, UL 9540A
Fox Energy Cube	<u>ECS4000-H7</u>	27.8	UL1973, UL9540, UL 9540A