

# BESS D-Series



Please use our configurator tool for more options

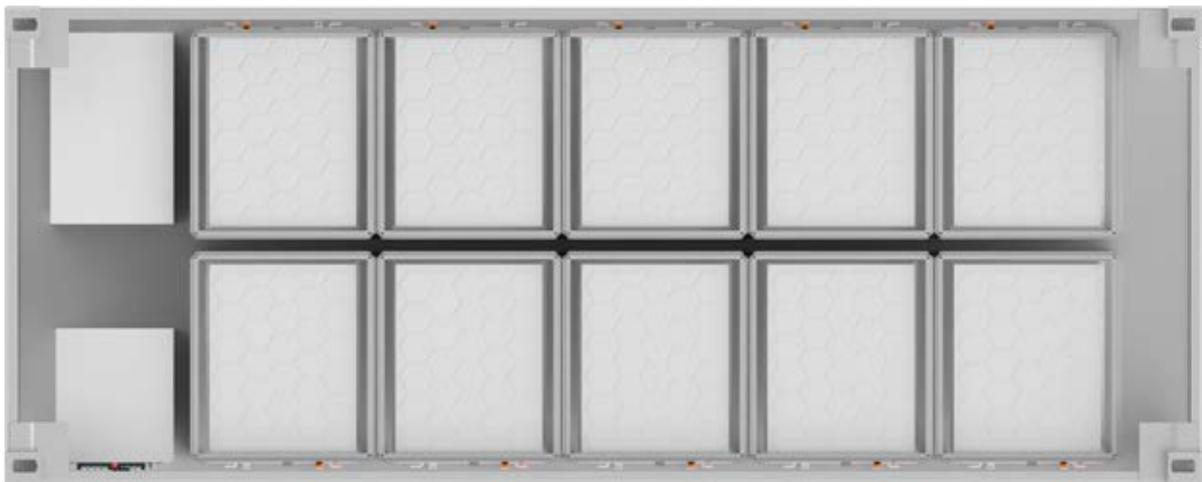
USA		
Product	BESS-D-250 kW-601 kWh-480 V	BESS-D-1250-3010 kWh-480 V
Power	250 kW	1250 kW
Apparent Power	275 kVA	1375 kVA
Energy	601 kWh	3010 kWh
P-Rating	0.46	0.46
Voltage	480 V, 3P, 4 W	480 V, 3P, 3 W
Battery Chemistry	LFP	LFP
Enclosure Length (L x W x H)	24 x 9.5 x 11.5 ft	24 x 9.5 x 11.5 ft
Battery Strings	2	10
EMS	Included	Included
Xfmer	Included	No
Cooling	Battery Liquid / Air-Cooled PCS	Battery Liquid / Air-Cooled PCS
Fan	Venting	Venting
FSS	Yes	Yes
Island Mode	Yes	Require a two-winding external Xfmer
Code / Standards	Comply with UL 9540 and NFPA 855	Comply with UL 9540 and NFPA 855



# BESS D-Series

## Europe

Product	BESS-D-200 kW 430 kWh-400 V	BESS-D-1000 kW 2150 kWh-400 V	BESS-D-400 kW 688 kWh-690 V	BESS-D-2000 kW 3440 kWh-690 V
Power	200 kW	1000 kW	400 kW	2000 kW
Apparent Power	220 kVA	1100 kVA	440 kVA	2200 kVA
Energy	430 kWh	2150 kWh	688 kWh	3440 kWh
P-rating	0.50	0.50	0.50	0.50
Voltage	400 V, 3P, 4 W	400 V, 3P, 3 W	690V , 3P, 4 W	690 V, 3P, 3 W
Battery Chemistry	LFP	LFP	LFP	LFP
Enclosure Length (L x W x H)	24 x 9.5 x 11.5 ft	24 x 9.5 x 11.5 ft	24 x 9.5 x 12.5ft'	24 x 9.5 x 12.5ft'
Battery Strings	2	10	2	10
EMS	Included	Included	Included	Included
Xfmer	Included	No	Included	No
Cooling	Battery Liquid / Air-Cooled PCS	Battery Liquid / Air-Cooled PCS	Battery Liquid / Air-Cooled PCS	Battery Liquid / Air-Cooled PCS
Fan	Venting	Venting	Venting	Venting
FSS	Yes	Yes	Yes	Yes
Island Mode	Yes	Require a two-winding external Xfmer	Yes	Require a two-winding external Xfmer
Code / Standards	Comply with UL 9540 and NFPA 855		Comply with UL 9540 and NFPA 855	



# BESS D-Series



500 kW | 1202 kWh | 480 V



*Please use our configurator tool for more options*

Product	BESS D-500 kW-1202 kWh-480 V
Power	500 kW
Apparent Power	550 kVA
Energy	1,202 kWh
Voltage	4P336S
Battery Chemistry	LFP
Enclosure (L x W x H)	12 x 9.5 x 11.5 ft
PCS / Battery Strings	Up to 4
EMS	Included
Cooling (PCS / Battery Strings)	Liquid Cooling / Air Cooled
Fire Suppression System	Yes
Island Mode	Yes
Code / Standards	Comply with UL 9540 and NFPA 855



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# BESS D-Series

1250 kW | 3010 kWh | 480 V



*Please use our configurator tool for more options*

Product	BESS D-1250 kW-3010 kWh - 480 V
Power	1,250 kW
Apparent Power	1,375 kVA
Energy	3,010 kWh
Voltage	10P336S
Battery Chemistry	LFP
Enclosure (L x W x H)	24 x 9.5 x 11.5 ft
PCS / Battery Strings	Up to 10
EMS	Included
Cooling (PCS / Battery Strings)	Air Cooled / Liquid Cooling
Fire Suppression System	Yes
Island Mode	Yes
Code / Standards	Comply with UL 9540 and NFPA 855



# String D-Series

			
Model	D-Series String - 480 V	D-Series String - 400 V	D-Series String - 690 V
AC Power	125 kW	100 kW	200 kW
AC Apparent Power	137.5 kVA	110 kVA	220 kVA
Rated Voltage	480 Vac, 3P3 W	400 Vac, 3P3 W	690 Vac, 3P3 W
Output Voltage Range	-15% - 10% (settable)		
Grid Frequency	50/60 Hz		
Max Output Current	165.4 A	158 A	185 A
Power Factor	> 0.99 (at rated power)		
Adjustable Power Factor	1 (leading) - 1 (lagging)		
THDi	<3% (at rated power)		
Overloading Capacity	110%		
Max Efficiency	98.80%		
Altitude	3000 FT		
Functions	Grid forming / Grid following		
Compliance	UL 1741, CSA 22.2 No 107.1, IEEE 1547	IEC / EN 62477-1, IEC / EN 61000-6-2, IEC/ EN 61000-6-4	
Battery Type	LFP Prismatic		
Capacity	280 Ah		
# of Pack	7	5	8
Nominal Energy	301	215	344
Nominal Voltage	1075.2 V	768 V	1228.8 V
Operating Voltage Range	720 - 1300 Vdc	600 - 1000 Vdc	1060 - 1450 Vdc
C-Rate	0.5		
Configuration	1P336S	1P240S	1P384S
Operating Temperture	Charge: 0-50 : Discharge -20 - 50		
Relative Humidy	5% - 95% (Non-condensing)		
Thermal Management	Liquid cooling		
Certifications	UL 1973 / UL 9540A / GB/ T36276		

