Innovation for a Better Life



Energy Solutions Company ESS Battery Division

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Company Websites



LG Chem Website : http://www.lgchem.com LG Chem ESS Partner Portal : http://www.lgesspartner.com



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CHANGE YOUR ENERGY CHARGE YOUR LIFE

ADVANCED BATTERIES FOR ENERGY STORAGE



Introducing LG Chem

LG Chem at a Glance



Global Operation of Energy Solutions

LG Chem is successfully implementing rapid go-to-market strategies across its wide range of global networks. By locating manufacturing plants in four strategic locations of Korea, China, the U.S., and Poland, LG Chem supplies batteries to meet the needs of local customers in the most efficient and timely manner.





* The ees Award is one of the most prestigious awards presented annually at ees Europe, the largest exhibition for batteries and energy storage systems in Europe, with the purpose to pay tribute to pioneering products and solutions for energy storage system.

Energy Solutions

With 23 years of experience in successfully delivering products and solutions to customers in the global energy sector, LG Chem is recognized as the industry leader in Lithium-ion batteries.







Applications of ESS

ESS (Energy Storage System) provides solutions for applications throughout power supply systems including Grid-scale, Residential, C&I (Commercial and Industrial), and UPS (Uninterruptible Power Supply).



Product Portfolio

LG Chem offers a wide variety of products, such as Battery Module, Pack, Rack, and Container that allow our customers to source total battery solutions.



Key Strengths

Lithium-ion Battery Cell

Compactness & Long Lifespan

LG Chem's L&S (Lamination & Stacking) process minimizes dead space, enables higher energy density, and enhances the sustainability of cell structures.



Unsurpassed Experience and Expertise

LG Chem is a reliable battery solution partner with extensive field experience and technical expertise.



LG Chem features world class battery technology, made possible by 70 years of expertise in chemicals.

LG Chem is the global leading supplier of Lithium-ion batteries for electric vehicles.









Since 2010, LG Chem has installed or been awarded ESS projects for a wide range of applications.

LG Chem ESS Solutions **Grid-scale ESS**

For stabilizing the grid, an ESS provides capabilities such as peak shifting, renewable integration, and frequency regulation. With our world-leading Lithium-ion battery technology, LG Chem offers advanced battery systems for grid-scale ESS applications.



Peak Shifting • Charge during off-peak times • Discharge during peak times



Renewable Integration • Stabilize the intermittent renewable power by alternately charging and discharging



Frequency Regulation • Charge when grid frequency increases • Discharge when grid frequency decreases

Key Features

System Optimization

LG Chem features a highly optimized battery system design which enables high energy density.



Diverse Product Options

LG Chem offers a range of product options to optimally meet our customers' needs for energy, footprint and voltage.

Product Lineup

LG Chem offers three product lineups, which provide solutions to meet a broad range of application requirements.





Rack Container-optimized (6.8MWh, 40ft HC ISO Container with HVAC, AC/DC panel, fire suppression system, etc.)

LG Chem ESS Solutions **Residential ESS**

An ESS can store surplus energy generated from rooftop photovoltaic panels for use when needed. When the sun has set, energy demand is high, or there is a black-out, you can use the energy stored in your ESS to meet your energy needs at no extra cost. In addition, an ESS helps you pursue the goal of energy self-consumption and ultimately energy-independence.



Electricity Bill Saving

- Charge during off-peak times
- Discharge during peak times

Self-consumption

• Store solar energy generated from photovoltaic panels for the future use

Emergency Power Backup

• Discharge during a black-out, functioning as backup power

Key Features



Compact Size & Easy Installation



Proven Safety The safety of LG Chem's lithium-ion battery is proven in the automotive and ESS markets.



Easy to Scale Up All models of the RESU 48V lineup are easily connected to each other with RESU plus.



Diverse Product Options The RESU series offers diverse product options ranging from 3.3kWh to 13.1kWh.



High Compatibility The RESU series is compatible with a wide range of inverters.

Product Lineup

LG Chem offers six residential products in two product lineups to fulfill diverse capacity and voltage needs of homeowners.







RESU Plus is an expansion kit specially designed for 48V models of the RESU series. Number of expandable battery units : Up to 2EA

Customer Testimonials



Remarkable Self-sufficiency "The remarkable result one year after completion and move-in : up to 90 percent self-sufficiency" - Jörg Erstling, Germany

The compact and lightweight nature of the RESU allows easier and faster installation both indoor and outdoor.



Simple Installation & Sleek Design

"The LG Chem RESU10H was easy to install and looks good. It's not overly intrusive, and it is a real conversation starter" - Stephen Young, Australia

Grid-scale ESS



High Energy

Long-duration applications with continuous power supply (\geq 3 hours)

High Energy Module



Models	M48145P5B (2P)	M48218P5B (3P)	M48290P5B (4P)	
Energy [kWh]	7.4	11.2	14.9	
Capacity [Ah]	145	218	290	
Nominal Voltage [V]	51.4			
Voltage Range [V]		42.0~58.8		
Dimension [W x H x D, mm]	445 x 110 x 620	445 x 110 x 915	445 x 110 x 1,162	
Weight [kg]	46	68	89	

High Energy Rack









	40ft HC ISO Container			
Models	M48145P5B	M48218P5B		
	Manned	Unmanned		
Energy [MWh]	5.4 6.8			
System Voltage [V dc]	714-1,000			
Dimension [W x H x D, m]	12.2 x 2.9 x 2.5			
Weight [ton] (incl. battery)	50 60			
Ambient Temperature [°C]	-20-50			
Communication	CAN2.0B, Modbus TCP/IP			





Energy Long-duration applications with continuous power supply (1~3 hours)

Energy [kWh] 6.5 9.8 13.0 Capacity [Ah] 126 189 252 Nominal Voltage [V] 51.8	Energy Module	Models	M48126P3B (2P)	M48189P3B (3P)	M48252P3B (4P)
Capacity [Ah]126189252Nominal Voltage [V]51.8Voltage Range [V]420-58.8Dimension [W x H x D, mm]445 x 110 x 620445 x 110 x 915Weight [kg]466889Benergy RackModels800 (14 Modules)Energy [kWh]91.3137.0Energy [kWh]91.3137.0182.7Capacity [Ah]126189252Nominal Voltage [V]725250 x 1,880 x 950520 x 1,880 x 1,200Voltage Range [V]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402ModelsM48126P3BM48189P3BM48252P3BModels520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402Models110.91664221.8Capacity [Ah]110.91664221.8Capacity [Ah]126189252Nominal Voltage [V]714 - 1,000252Nominal Voltage [V]714 - 1,000252Nominal Voltage [V]714 - 1,000252Nominal Voltage [V]520 x 2,200 x 950520 x 2,200 x 1,200Voltage Range [V]520 x 2,200 x 655520 x 2,200 x 950520 x 2,200 x 1,200Weight [km]91213141.697	Energy Module	Energy [kWh]	6.5	9.8	13.0
Nominal Voltage [V]51.8Voltage Range [V]420-58.8Dimension [W x H x D, nm]445 x 110 x 620445 x 110 x 915Weight [kg]466889Benergy RackModels800 (14 Modules)Benergy [kWh]91.3137.0182.7Capacity [Ah]91.3137.0182.7Capacity [Ah]126189252Nominal Voltage [V]725520 x 1,880 x 950520 x 1,880 x 1,200Voltage Range [V]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402Models600 (17 Modules)10.01,004Models110.9166.4221.8Capacity [Ah]110.9166.4Dimension [W x H x D, mm]520 x 1,280 x 655520 x 1,880 x 950Models110.9166.4221.8Capacity [Ah]110.9166.4Capacity [Ah]110.9166.4Capacity [Ah]110.9166.4Capacity [Ah]110.9189Capacity [Ah]110.9189Capacity [Ah]126189Capacity [Ah]126189Colspan="4">Colspan=[4]Oltage Range [V]714-1,000Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspa		Capacity [Ah]	126	189	252
Voltage Range [V] 420-58.8 Dimension [W x H x D, mm] 445 x 110 x 620 445 x 110 x 915 445 x 110 x 1,162 Weight [kg] 46 68 89 Energy Rack Models M48126P3B M48189P3B M48252P3B Energy [kWh] 91.3 137.0 182.7 Capacity [Ah] 126 189 252 Nominal Voltage [V] 725 Voltage Range [V] 588-823 Dimension [W x H x D, mm] 520 x 1,880 x 655 520 x 1,880 x 950 520 x 1,880 x 1,200 Weight [kg] 766 1,104 1,402 Models M48126P3B M48189P3B M48252P3B Dimension [W x H x D, mm] 520 x 1,880 x 655 520 x 1,880 x 1,200 Weight [kg] 766 1,104 1,402 Models M48126P3B M48189P3B M48252P3B Energy [kWh] 110.9 166.4 221.8 Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 Voltage Range [V] 714-1,000 U		Nominal Voltage [V]	51.8		
Dimension [W x H x D, mm] 445 x 110 x 620 445 x 110 x 915 445 x 110 x 1,162 Weight [kg] 46 68 89 Energy Rack Models M48126P3B M48189P3B M48252P3B Energy [kWh] 91.3 137.0 182.7 Capacity [Ah] 126 189 252 Nominal Voltage [V] 725 500 x 1,880 x 655 520 x 1,880 x 950 520 x 1,880 x 1,200 Weight [kg] 766 1,104 1,402 Models Models M48126P3B M48189P3B M48252P3B Dimension [W x H x D, mm] 520 x 1,880 x 655 520 x 1,880 x 950 520 x 1,880 x 1,200 Weight [kg] 766 1,104 1,402 Models M48126P3B M48189P3B M48252P3B Energy [kWh] 110.9 166.4 221.8 Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 252 Nominal Voltage [V] 881 252 Nominal Voltage [V] 520 x 2,200 x 655 520 x 2,200 x 9	RAL	Voltage Range [V]	42.0~58.8		
Weight [kg]466889Energy RackModelsR800 (14 Modules)Image: Second S		Dimension [W x H x D, mm]	445 x 110 x 620	445 x 110 x 915	445 x 110 x 1,162
Brenzy RackR800 (14 Modules)ModelsM48126P3BM48189P3BM48252P3BEnergy [kWh]91.3137.0182.7Capacity [Ah]126189252Nominal Voltage [V]7257000Voltage Range [V]588-823520 x 1,880 x 950Dimension [W x H x D, mm]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402Models61,1041,402Energy [kWh]110.9166.4221.8Capacity [Ah]126189252Nominal Voltage [V]714-1,000252Nominal Voltage [V]714-1,000520 x 2,200 x 655Voltage Range [V]520 x 2,200 x 655520 x 2,200 x 950Voltage Range [V]91213141687		Weight [kg]	46	68	89
Energy RackModelsIR800 (14 Modules)ModelsM48126P3BM48189P3BM48252P3BEnergy [kWh]91.3137.0182.7Capacity [Ah]126189252Nominal Voltage [V]725725Voltage Range [V]588-823520 x 1,880 x 950Dimension [W x H x D, mm]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402ModelsM48126P3BM48189P3BM48252P3BEnergy [kWh]110.91664221.8Capacity [Ah]110.91664221.8Capacity [Ah]126189252Nominal Voltage [V]881252Voltage Range [V]714-1,000Voltage Range [V]520 x 2,200 x 655520 x 2,200 x 950Voltage Range [V]91213141.697					
Energy [kWh]91.3M48189P3BM48252P3BEnergy [kWh]91.3137.0182.7Capacity [Ah]126189252Nominal Voltage [V]725725Voltage Range [V]588-823520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402ModelsM48126P3BM48189P3BM48252P3BEnergy [kWh]110.91664221.8Capacity [Ah]110.91664252Nominal Voltage [V]252881Voltage Range [V]714-1,000520 x 2,200 x 950520 x 2,200 x 1,200Weight [kg]520 x 2,200 x 655520 x 2,200 x 950520 x 2,200 x 1,200Weight [kg]91213141687	Energy Rack	Models		R800 (14 Modules)	
Energy [kWh]91.3137.0182.7Capacity [Ah]126189252Nominal Voltage [V]725725Voltage Range [V]588-823520 x 1,880 x 950520 x 1,880 x 1,200Meight [kg]7661,1041,402Weight [kg]7661,1041,402Models61,1041,402Models7661,1041,402Capacity [Ah]110.91664221.8Capacity [Ah]110.91664221.8Capacity [Ah]126189252Nominal Voltage [V]881252Voltage Range [V]714-1,000520 x 2,200 x 155Voltage Range [V]520 x 2,200 x 655520 x 2,200 x 950520 x 2,200 x 1,200Weinhr [kn]91213141687		Models	M48126P3B	M48189P3B	M48252P3B
Capacity [Ah]126189252Nominal Voltage [V]725Voltage Range [V]588-823Dimension [W x H x D, mm]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402Models81000 (17 Modules)Energy [kWh]110.9166.4221.8Capacity [Ah]126189252Nominal Voltage [V]126189252Nominal Voltage [V]520 x 2,200 x 655520 x 2,200 x 950520 x 2,200 x 1,200Weight [kg]91213141687		Energy [kWh]	91.3	137.0	182.7
Nominal Voltage [V]725Voltage Range [V]588-823Dimension [W x H x D, mm]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402Models1000 (17 Modules)1402ModelsM48126P3BM48189P3BM48252P3BEnergy [kWh]110.91664221.8Capacity [Ah]126189252Nominal Voltage [V]881Voltage Range [V]714-1,000Dimension [W x H x D, mm]520 x 2,200 x 655520 x 2,200 x 950Weight [kg]91213141687		Capacity [Ah]	126	189	252
Voltage Range [V]588-823Dimension [W x H x D, mm]520 x 1,880 x 655520 x 1,880 x 950520 x 1,880 x 1,200Weight [kg]7661,1041,402ModelsR1000 (17 Modules)ModelsM48126P3BM48189P3BM48252P3BEnergy [kWh]110.91664221.8Capacity [Ah]126189252Nominal Voltage [V]881252Voltage Range [V]520 x 2,200 x 655520 x 2,200 x 950520 x 2,200 x 1,200Weight [kg]91213141687		Nominal Voltage [V]	725		
Dimension [W x H x D, mm] 520 x 1,880 x 655 520 x 1,880 x 950 520 x 1,880 x 1,200 Weight [kg] 766 1,104 1,402 Models R1000 (17 Modules) M48252P3B Energy [kWh] 110.9 1664 221.8 Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 252 Voltage Range [V] 520 x 2,200 x 655 520 x 2,200 x 950 520 x 2,200 x 1,200 Weight [kg] 912 1314 1.687		Voltage Range [V]	588~823		
Weight [kg]7661,1041,402ModelsR1000 (17 Modules)M48126P3BM48189P3BM48252P3BEnergy [kWh]110.91664221.8Capacity [Ah]126189252Nominal Voltage [V]881Voltage Range [V]520 x 2,200 x 655520 x 2,200 x 950520 x 2,200 x 1,200Weight [kg]91213141.687		Dimension [W x H x D, mm]	520 x 1,880 x 655	520 x 1,880 x 950	520 x 1,880 x 1,200
Models R1000 (17 Modules) M48126P3B M48189P3B M48252P3B Energy [kWh] 110.9 166.4 221.8 Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 Voltage Range [V] 520 × 2,200 × 655 520 × 2,200 × 950 520 × 2,200 × 1,200 Weinht [kra] 912 1314 1.687		Weight [kg]	766	1,104	1,402
Models M48126P3B M48189P3B M48252P3B Energy [kWh] 110.9 166.4 221.8 Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 Voltage Range [V] 714-1,000 Dimension [W x H x D, mm] 520 x 2,200 x 655 520 x 2,200 x 950 520 x 2,200 x 1,200 Weight [kg] 912 1314 1.687		Models	R1000 (17 Modules)		
Energy [kWh] 110.9 166.4 221.8 Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 Voltage Range [V] 520 × 2,200 × 655 520 × 2,200 × 950 520 × 2,200 × 1,200 Weight [kg] 912 1314 1.687	andica	Wodels	M48126P3B	M48189P3B	M48252P3B
Capacity [Ah] 126 189 252 Nominal Voltage [V] 881 Voltage Range [V] 714-1,000 Dimension [W x H x D, mm] 520 x 2,200 x 655 520 x 2,200 x 950 520 x 2,200 x 1,200 Weight [kg] 912 1314 1.687	000	Energy [kWh]	110.9	166.4	221.8
Nominal Voltage [V] 881 Voltage Range [V] 714~1,000 Dimension [W x H x D, mm] 520 x 2,200 x 655 520 x 2,200 x 950 520 x 2,200 x 1,200 Weight [kg] 912 1 314 1 687		Capacity [Ah]	126	189	252
Voltage Range [V] 714-1,000 Dimension [W x H x D, mm] 520 x 2,200 x 655 520 x 2,200 x 950 520 x 2,200 x 1,200 Weight [kg] 912 1.314 1.687		Nominal Voltage [V]	881		
Dimension [W x H x D, mm] 520 x 2,200 x 655 520 x 2,200 x 950 520 x 2,200 x 1,200 Weight [kg] 912 1.314 1.687	- CC CC CC	Voltage Range [V]	714~1,000		
Weight [kg] 912 1.314 1.687		Dimension [W x H x D, mm]	520 x 2,200 x 655	520 x 2,200 x 950	520 x 2,200 x 1,200
vveigint [vg] 512 1,514 1,007		Weight [kg]	912	1,314	1,687

Energy C	ontainer
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Models

40ft HC ISO Container				
M48126P3B M48189P3B				
Manned Unmanned				
4.8 6.0				
714~1,000				
12.2 x 2.9 x 2.5				
50 60				
-20~50				
CAN2.0B, Modbus TCP/IP				

(Container system design can be changed according to customer requirements)

Grid-scale ESS



Power

Short-duration applications with fast response, high power supply (< 1 hour)

Power Module



Models	M4864P6B (1P) M48128P6B		M4860P7B (2P)
Energy [kWh]	3.3 6.6		3.1
Capacity [Ah]	64 128		60
Nominal Voltage [V]	51	51.8	
Voltage Range [V]			
Dimension [W x H x D, mm]	445 x 110 x 344 445 x 110 x 620		445 x 110 x 494
Weight [kg] 28		47	31

Power Rack



Madala	R800 (14 Modules)			
wodets	M4864P6B	M48128P6B		
Energy [kWh]	46.2	92.3		
Capacity [Ah]	64 128			
Nominal Voltage [V]	721			
Voltage Range [V]	588-823			
Dimension [W x H x D, mm]	520 x 1,880 x 425 520 x 1,880 x 655			
Weight [kg]	491 775			
	R1000 (17 Modules)			

Nadala				
Models	M4864P6B M48128P6B		M4860P7B	
Energy [kWh]	56.0 112.1		52.8	
Capacity [Ah]	64	128	60	
Nominal Voltage [V]	8	881		
Voltage Range [V]	714~1,000			
Dimension [W x H x D, mm]	520 x 2,200 x 425 520 x 2,200 x 655		520 x 2,200 x 540	
Weight [kg]	584	924	645	

Power Container

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	Energ
e 3	System V
ELECTRICAL ENERGY STORAGE SYSTEM	Dimension
	Weight [ton

Madala	40ft HC ISO Container		
Models	M48128P6B		
Energy [MWh]	4.0		
System Voltage [V dc]	714~1,000		
Dimension [W x H x D, m]	12.2 x 2.9 x 2.5		
Weight [ton] (incl. battery)	50		
Ambient Temperature [°C]	-20~50		
Communication	CAN2.0B, Modbus TCP/IP		

(Container system design can be changed according to customer requirements)

Residential ESS

48V		0 4				
Мо	dels	RESU3.3	RESU6.5	RESU10	RESU13	
Total Ener	gy [kWh] 1)	3.3	6.5	9.8	13.1	
Usable Ene	Usable Energy [kWh] ²⁾		5.9	8.8	12.4	
Capaci	Capacity [Ah]		126	189	252	
Nominal V	Nominal Voltage [V]		51.8			
Voltage Range [V]		42.0~58.8				
Dimension [W	/ x H x D, mm]	452 x 403 x 120	452 x 656 x 120	452 x 484 x 227	452 x 626 x 227	
Weigh	ht [kg]	31	52	75	99	
Enclosure Pro	Enclosure Protection Rating		IP55			
Communication		CAN2.0B				
Cortificator	Cell	UL1642				
Certificates	Product	UL1973	UL1973 / TUV (IEC 62619) / CE / FCC / RCM			
1) T	Land the second			2.5%		

1) Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature 25°C 2) Usable Energy is based on battery cell only

Compatible Inverter Brands : SMA, SolaX, Ingeteam, GoodWe, Sungrow, Victron Energy, Selectronic - More brands to be added

00V		-	_		-	
Models		RESU7H		RESU10H		
		Type-R	Туре-С	Type-R	Туре-С	
Total Ener	gy [kWh] 1)	7.0		9.8		
Usable Ene	rgy [kWh] ²⁾	6.6		9.3		
Capacity [Ah]		63		63		
Voltage Range [V]		350~450	430~550	350~450	430~550	
Dimension [W x H x D, mm]		744 x 692 x 206	744 x 907 x 206	744 x 907 x 206	744 x 907 x 206	
Weight [kg]		75	87	97	99.8	
Enclosure Protection Rating		IP55				
Communication		RS485	CAN2.0B	RS485	CAN2.0B	
Certificates	Cell	UL1642				
	Product	TUV (IEC 62619) / CE / FCC / RCM	TUV (IEC 62619) / CE / RCM	UL1973 / TUV (IEC 62619) / CE / FCC / RC		

1) Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature 25%2) Usable Energy is based on battery cell only

Compatible Inverter Brands : SMA, SolarEdge, Fronius, Huawei - More brands to be added







Global Reference (Grid-scale)

LG Chem has installed or been awarded over 4GWh of grid-scale projects since the launch of our ESS business.

C&I ESS

Madala	R400	R600	R800		R1000	
wodels	M48126P3B	M48126P3B	M48126P3B	M48189P3B	M48126P3B	M48189P3B
Energy [kWh]	45.7	65.2	91.3	137.0	110.9	166.4
Capacity [Ah]	126	126	126	189	126	189
Nominal Voltage [V]	363	518	72	25	88	31
Voltage Range [V]	294~412	420~588	588-	-823	714~	1,000
Dimension [W x H x D, mm]	520 x 1,300 x 655	520 x 1,880 x 655	520 x 1,880 x 655	520 x 1,880 x 950	520 x 2,200 x 655	520 x 2,200 x 950
Weight [kg]	423	582	766	1,104	912	1,314
Certificates	UL 1973 (Listed), IEC 61000-6-2 / 61000-6-3, FCC Part15 Class A					

Telecom Backup Solution / Residential Module



	Models	M4863P3S	M48126P3S
	Energy [kWh]	3.3	6.5
	Capacity [Ah]	63	126
	Nominal Voltage [V]	51.8	51.8
-	Voltage Range [V]	42.0~58.8	42.0~58.8
	Dimension [W x H x D, mm]	445 x 110 x 339	445 x 110 x 587
	Weight [kg]	24	44

> 4GWh (As of July 2018)

and proven reference projects

* Cumulative amount of installed/awarded projects



UPS Backup Solution

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She - we want

	UPS Rack				
Models	12 Modules (6S2P)	10 Modules	10 Modules		
	M7830P7B	M4864P6B	M48128P6B		
Energy [kWh]	28.0	33.0	65.9		
Continuous Power [kW]	250	115	132		
Nominal Voltage [V]	466	515	515		
Voltage Range [V]	397~523	420~588	420~588		
Dimension [W x H x D, mm]	520 x 2,292 x 500	600 x 2,000 x 650	600 x 2,000 x 800		
Weight [kg]	480	390	625		

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World-leading Grid-scale ESS supplier with extensive experience



Peak Shifting & Multi Purpose