Omnis Power USA Inc.
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OMNISPOWER®
POWER THE FUTURE

POWERCUBE™

ENERGY STORAGE BATTERIES

- Safe and Reliable
- IP65 Protection
- Flexible Size
- Quick Installation

POWERCUBE™

Smart Home Storage Battery

Wall Mounted Version

KEY FEATURES

- LiFePO4 Safe Battery Chemistry
- Easy Installation and Uninterruptible Maintenance
- Wall Mounted,Flexible Extension Life Time
- Safety Protection and Rasy Move
- 4,000 Cycles at 90%DOD
- 5 Years Warranty

POWERCUBE™

TECHNICAL SPECIFICATIONS

Model	PCBS-48100	PCBS-48150	PCBS-48200
Battery Type	48V/100AH , Lithium-LiPO4	48V/150AH , Lithium-LiPO4	48V/200AH , Lithium-LiPO4
Nominal Energy(KWh)	4.8	5.8	9.6
Usable Energy(KWh)	4.32	5.3	8.64
Max Output Power(KW)	4.8	4.8	4.8
Peak Output Power(KW)	9.6,3S	9.6,3s	9.6, 3s
Round-Trip Efficiency		⩾97.3%	
Nominal Voltage(V)		48	
Nominal Charge/ Discharge Current(A)	50/50	75/75	100/100
Operating Voltage Range(V)		42-54	
Dimension (W*H*D)	415*485*240	525*635*240	520*640*240
Net Weight(Kg)	48	64	90
Gross Weight(Kg)	50	66	92
Enclosure Protection Rating		IP 21	
Warranty		5 Years	
Cycles Life		> 4,000	
Ambient Temperature Range°C		-10-50	
Depth of Discharge		90%	
Certification&Safety Standard		UL1973/ IEC62619/UN38.3	
Scalability		Max 15 Pcs in Parallel	

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Version Number:OP_EN2021_GLOBAL_01
Country of Origin: China or Vietnam

POWERCUBE™

Home Storage Battery

Stackable Version

KEY FEATURES

- LiFePO4 battery,Safe,Longer life span
- Modular design.Easy to Stack,Quick installation
- Lager energy capacity
- Natural cooling with optional heat/fan configuration
- Wide temperature range of -20~50℃

POWERCUBE™

TECHNICAL SPECIFICATIONS

Model	PCBS-48100	PCBS-48150	PCBS-48200
Battery Type	48V/100AH , Lithium-LiPO4	48V/150AH , Lithium-LiPO4	48V/200AH , Lithium-LiPO4
Nominal Energy(KWh)	4.8	5.8	9.6
Usable Energy(KWh)	4.32	5.3	8.64
Max Output Power(KW)	4.8	4.8	4.8
Peak Output Power(KW)	9.6,3S	9.6,3s	9.6, 3s
Round-Trip Efficiency		⩾97.3%	
Nominal Voltage(V)		48	
Nominal Charge/ Discharge Current(A)	100/100	150/150	100/100
Operating Voltage Range(V)		42-54	
Dimension (W*H*D)	442*140*550	442*178*550	442*200*550
Net Weight(Kg)	42	63	75
Gross Weight(Kg)	44	65	77
Enclosure Protection Rating		IP 21	
Warranty		5 Years	
Cycles Life		＞4,000	
Ambient Temperature Range°C		-10-50	
Depth of Discharge		90%	
Certification&Safety Standard		UL1973/ IEC62619/UN38.3	
Scalability		Max 8 Pcs in Parallel	

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POWERCUBE™

Uhome-LFP 5.8kWh/LV

Energy Storage Battery

KEY FEATURES

- Digital Monitoring System APP
- High Inverter Compatibility
- Reliable LFP Cells
- CANbus Standard Connection
- Natural Cooling System
- Scalable up to 23.2kWh (4 Parallel)
- 10 Years Limited Warranty
- IP65

POWERCUBE™

TECHNICAL SPECIFICATIONS

Model	Uhome-LFP 5.8kWh/LV
Total Energy*	5.8kWh
Usable Energy(DC)*	5.3kWh
Nominal Charge/Discharge power	2.75kWh
Efficiency	>97%
Peak Power(Only discharging)	7kWh for 3 seconds
Peak Current(Only discharging)	146A for 3 seconds
Voltage	42-54V DC
Nominal Voltage	48V DC
Nominal Current	57A
Max. Charging voltage	54.0V
Operating Condition	indoor or outdoor
Operating Temperature	From -10℃ to 45℃
Dimension(W*H*D)mm	525*635*238mm
Weight	66kg
Cooling Type	Natural cooling
Case Material	Metal + Plastic
Color	Black + Silver grey or white
Installation	Free standing/Wall Mounting
IP rating	IP 65
Max. numbers of parallel connection	4
Warranty	5 + 5Years
Life Span	>15 years
Communication	CAN/RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Certification	
Safety	Cell UL 1973 Battery Pack TUV(IEC 62619)(IEC 62040)
Hazardous material classification	Class 9
Transportation	UN 38.3(UNDOT)

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