



Your energy partner for a sustainable future.

www.vestwoods.com



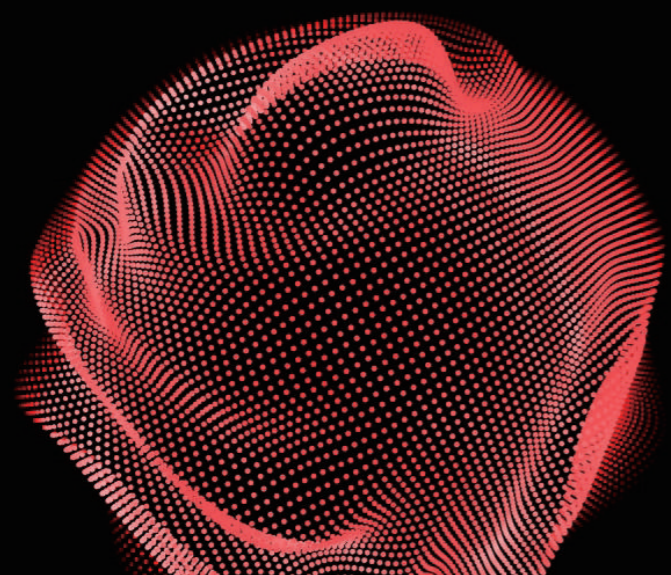
Vestwoods.

PRODUCT CATALOG 2023

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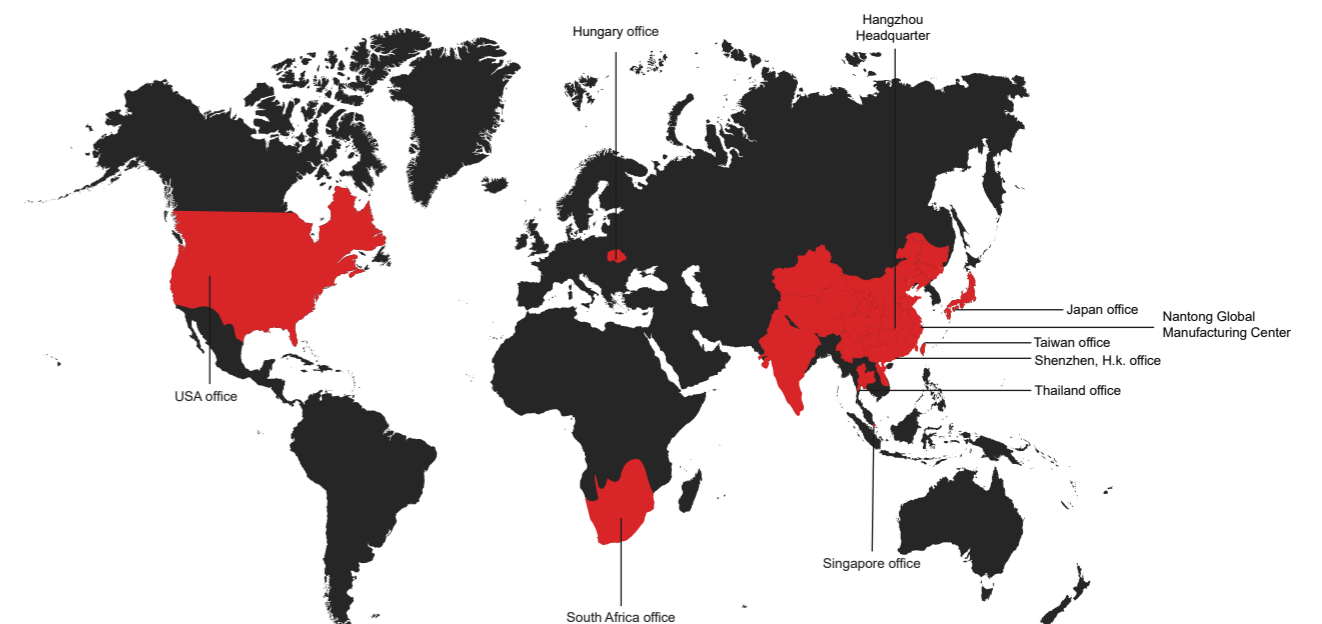
Who we are.



At Vestwoods we're committed to accelerating the world's transition to sustainable energy.

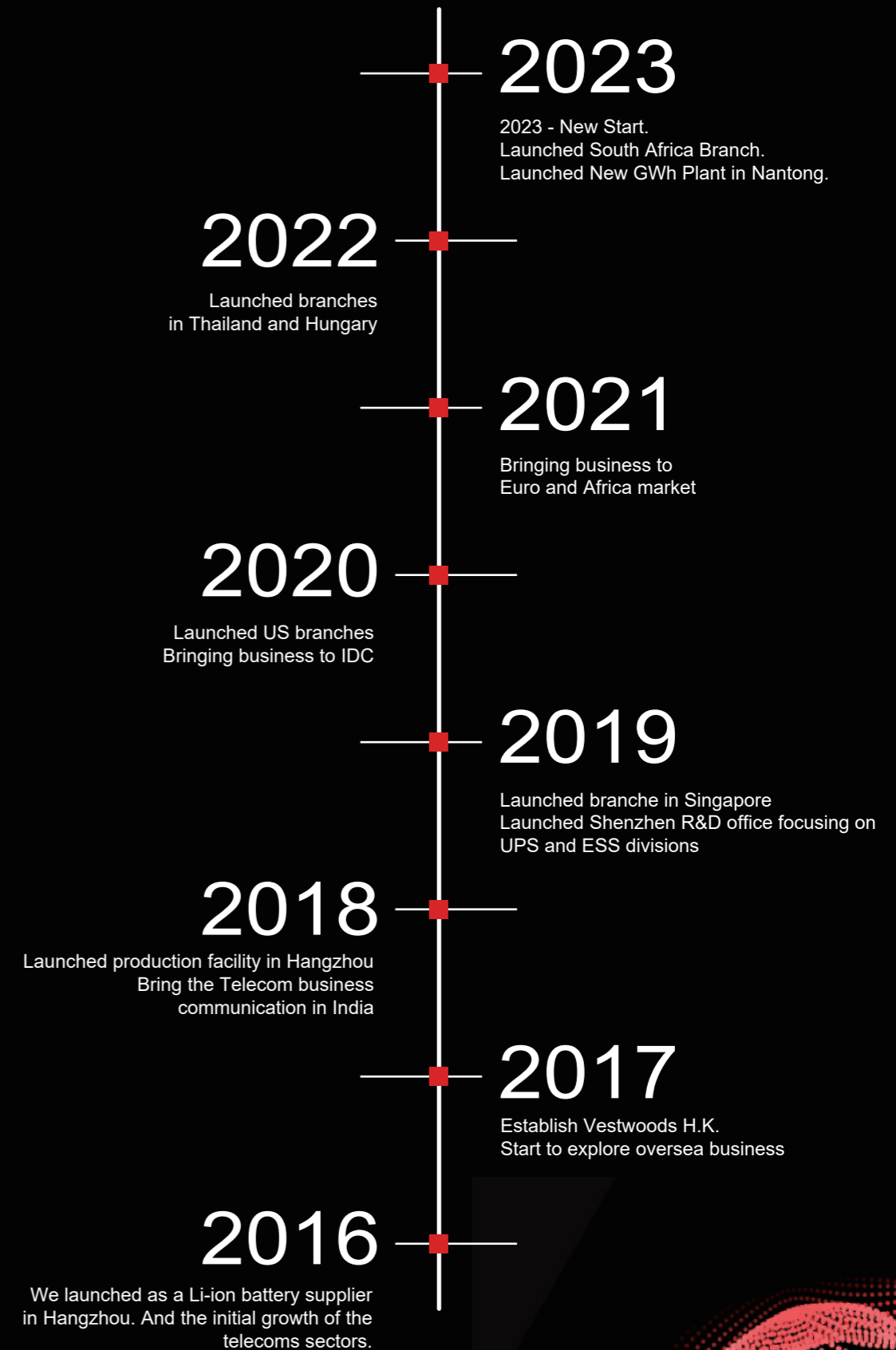
To do this, we are striving to bring affordable, reliable, and innovative energy storage solutions to distributors and end customers worldwide.

We are proud to have built our reputation around fostering long lasting relationships with our customers, so we can better understand your needs and provide you with personalized energy solutions that meet your specific requirements.



WHAT WE DO

"We are dedicated to helping our customers reduce their impact on the environment, save money and become energy independent."



R&D Platform

20 + team members with 10 + years R & D experience in BMS and Li-ion battery system.

R&D team including:

- Cell evaluation engineers;
- HW / SW developing and tests engineers;
- Mechanical & Simulation engineers;
- Electrical and system engineers.

100+
R&D Team

60+
Chinese and US IPs

30+
Invention Patents



Product Certification



UL 1973

IEC62619

IEC62620

EN61000

UN38.3

Nantong Global GWh Plant

We strive to achieve products of the best quality. Nantong plant in Jiangsu Province, 150km away from Shanghai PVG airport. Nantong renewable manufactures and supplier's hub-all made to order.

- Occupied area 40 acres and 25000m² production area
- Max. annual capacity: 5GWh
- Four auto-assembly streamlines
- Integrated MES (Manufacturing Execution System)





SMART RESIDENTIAL ESS SOLUTIONS

- Max. inverter efficiency 98.4%, battery efficiency 94.0%
- With BMS system to ensure high battery life
- Fashionable appearance design
- Intelligent management of cloud platform data
- Reasonable energy control to increase the proportion of spontaneous use

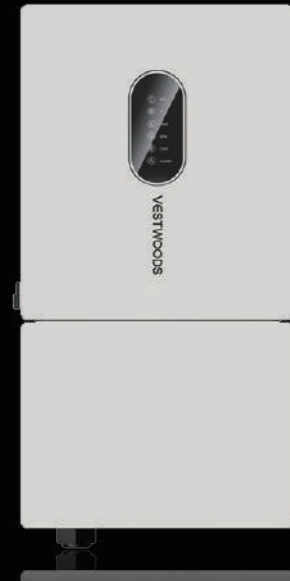


SINGLE PHASE HYBRID INVERTER

VW4/5/6 KSLES



Models	VW4KSLES	VW5KSLES	VW6KSLES
Max. Efficiency (PV to AC)		97.3%	
Max. Efficiency (BAT to AC)		94.0%	
Max. PV Power		9000W	
Max. Input Current (Input A/Input B)		15A / 15A	
Max. Short Current (Input A/Input B)		90A / 90A	
MPPT Voltage Range		70V~520V	
No. of MPPT Trackers		2	
String Per MPP Tracker		1	
Battery Voltage Range		40V~64V	
Nominal AC Output Power	5000W	5000W	6000W
Max. AC Output Current	25A	27.2A	27.2A
Nominal AC Voltage		230V	
AC Voltage Range		150V~300V(Adjustable)	
Nominal Grid Frequency		50Hz/60Hz	
AC Frequency Range		45Hz~55Hz/55Hz~65Hz(Adjustable)	
THDI		<3%(Nominal Power)	
Max. Operation Altitude		4000m	
Noise Emission		<35dB	
IP		IP65	
Cooling Concept		Natural Cooling	
Dimensions(W*H*D)		515*485*175mm	
Weight		25Kg	
Display		LED+APP	
Communication	BMS (CAN/RS485), Optional: WiFi/GPRS/4G/Ethernet, DI (DRM/RCR) / Meter (RS485), 1*DO, USB (Firmware upgrade)		
Certification	VDE-AR-N4105, IEC 61727/62116, AS 4777.2, EN 50549-1, C10/11, G99, CEI 0-21, NRS 097-2-1, RD 1699/661/413, NTS & IEC62109-1&2, IEC62040-1, IEC62477-1		



SINGLE PHASE HYBRID INVERTER

VW8/10 KSLES



5KWH BATTERY PACK

VE51100RS



Models	VW8KSLES	VW10KSLES
Max. Efficiency (PV to AC)	98.0%	
Max. Efficiency (BAT to AC)	94.0%	
Max. PV Power	12000W	15000W
Max. Input Current (Input A/Input B)	30A / 22A / 22A	
Max. Short Current (Input A/Input B)	40A / 30A / 30A	
MPPT Voltage Range	70V~540V	
No. of MPPT Trackers	3	
String Per MPP Tracker	2	
Battery Voltage Range	40V~64V	
Nominal AC Output Power	8000W	10000W
Max. AC Output Current	36.6A	46A
Nominal AC Voltage	230V	
AC Voltage Range	150V~300V(Adjustable)	
Nominal Grid Frequency	50Hz / 60Hz	
Power Factor	> 0.99@ Nominal power (adjustable 0.8 LD-0.8 LG)	
THDI	<3%(Nominal Power)	
Max. Operation Altitude	4000m	
Noise Emission	< 45dB	
IP	IP65	
Cooling Concept	Natural Cooling	
Dimensions(W*H*D)	420*800*240mm	
Weight	35Kg	
Display	LED+APP	
Communication	RS485/CAN (for BMS), DRM/RS485 (for Meter), RS485, USB, Optional: WiFi/GPRS/LAN	
Certification	NRS 0-97, IEC61727, IEC62116 & IEC62109, CE-EMC	

Models	VE51100RS
Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage Range	42.0V~57.6V
Recommend Charge Voltage	57.6V
Charge Current/Max.Continuous	100A
Discharge Cut-off Voltage	42.0V
Discharge Current/Max. Continuous	100A
Depth of Discharge	80% DOD
Temperature Range/Charge	0 C~60 C
Temperature Range/Discharge	-20 C~60 C
Dimensions(W*H*D)	444*155*517mm(Without handles)
Weight	45kg
IP	IP54
Scalability	Up to 16 units in parallel
Communication	2*CAN/RS-485
Cooling Concept	Natural Cooling
Cycle life	≥6000,80%DOD@25 C
Design Life	15+Years
Installation	Wall/Floor/19 or 23 inch cabinet/rack
Humidity	5%~95%(RH) No Condensation
Altitude	<2000m
Protections	Overcharge/Overdischarge/Overtemperature/ Overcurrent/Short Circuitetc.
Reference Standard	UN38.3, IEC62619, CE-EMC

Compatible inverter brands: Deye, Senergy, Growatt, Invt, Megarevo - more brands to be added.

5KWH/10KWH BATTERY PACK



VE48100 / VE48200



HIGH RATE SAFETY INTELLIGENT MODULAR DESIGN

Models	VE48100
Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage Range	42.0V~57.6V
Dimensions(W*H*D)	445*130*400mm
Weight	41kg
IP	IP20
Expansion	15
Communication/Display	RS485/CAN
Cycle life	6000@80% DOD, 25 °C
Certification	UN38.3, UL1973, IEC 62619, CE-EMC

Models	VE48200
Cell Type	LFP
Nominal Energy	9.6kWh
Nominal Capacity	200Ah
Nominal Voltage	48.0V
Operating Voltage Range	40.5V~54.0V
Dimensions(W*H*D)	444*222*490mm
Weight	78kg
IP	IP20
Expansion	15
Communication	RS485/CAN
Cycle life	6000@80% DOD, 25 °C
Certification	UN38.3, IEC 62619, CE-EMC



RESIDENTIAL BATTERY SYSTEM

VE51100W / VE51280W



HIGH YIELD INTELLIGENT MAX. CAPACITY CONVENIENT

Models	VE51100W
Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage Range	44.8V~57.6V
Dimensions(W*H*D)	410*666*180mm
Weight	49kg
IP	IP65
Expansion	16
Communication	RS485/CAN
Cycle life	6000@80% DOD, 25 °C
Certification	UN38.3, IEC 62619, EN 61000, IEC 62040

Models	VE51280W
Cell Type	LFP
Nominal Energy	14.33kWh
Nominal Capacity	280Ah
Nominal Voltage	51.2V
Operating Voltage Range	44.8V~57.6V
Dimensions(W*H*D)	505*801*251mm
Weight	121kg
IP	IP65
Expansion	8
Communication	RS485/CAN
Cycle life	6000@80% DOD, 25 °C
Certification	UN38.3, IEC 62619, CE-EMC

Compatible inverter brands: Deye, Senergy, Growatt, Invt, Megarevo - more brands to be added.

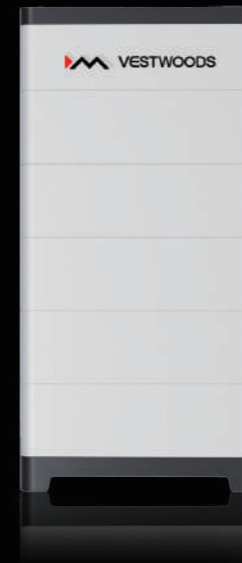


LOW-VOLTAGE STACKED RESIDENTIAL BESS

VEH51200S



HIGH YIELD INTELLIGENT SAFETY CONVENIENT



HIGH-VOLTAGE STACKED RESIDENTIAL BESS

V-Power T3 / T4 / T5



FLEXIBLE HIGH RELIABILITY CONVENIENT FAST STARTUP

Models	VEH51200S
Cell Type	LFP
Nominal Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Operating Voltage Range	44.8V~57.6V
Recommend Charge Voltage	57.6V
Charge Current/Max.Continuous	100A
Discharge Cut-off Voltage	44.8V
Discharge Current/Max. Continuous	100A
Depth of Discharge	80% DOD
Temperature Range/Charge	0 C~55 C
Temperature Range/Discharge	-20 C~60 C
Dimensions(W*H*D)	545*1035*200mm
Weight	105kg
IP	IP20
Connection	Up to 4 units in parallel
Communication	CAN/RS-485
Cooling Concept	Natural Cooling
Cycle life	≥6000,80%DOD@25 C
Design Life	15+Years(25 C /°F)
Installation	Floor
Humidity	5%~95% RH
Altitude	<2000m
Protections	Overcharge/Overdischarge/Overtemperature/ Overcurrent/Short Circuit, etc.
Compatible Inverters Brand	Deye, Senergy, Growatt, Invt, Megarevo
Designed International standard	UN38.3, IEC62619, CE-EMC

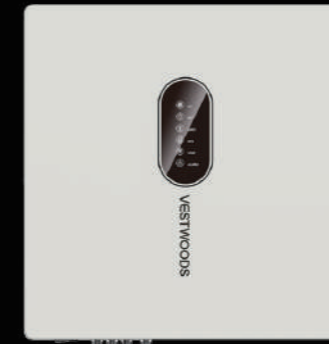
SPECIFICATION	V-Power T3	V-Power T4	V-Power T5
Cell Type	LFP	LFP	LFP
Nominal Energy	8.29kWh	11.05kWh	13.82kWh
Nominal Capacity	27Ah	27Ah	27Ah
Nominal Voltage	307.2V	409.6V	512.0V
Operating Voltage Range	268.8V~345.6V	358.4V~460.8V	448.0V~576.0V
Recommended Charge Voltage	345.6V	460.8V	576.0V
Charge Current/Max. Continuous	27A		
Discharge Cut-off Voltage	268.8V	358.4V	448.0V
Discharge Current/Max. Continuous	54A		
Recommended DOD	80%		
Operating Temp. Range/Charge	0 C~50 C		
Operating Temp. Range/Discharge	-20 C~55 C		
Dimensions(W*H*D)	530*774*255mm	530*942*255mm	530*1110*255mm
Weight	106kg	135kg	163kg
IP	IP20		
Expansion	4		
Communication	RS485/CAN		
Cycles	6000@80% DOD, 25 C		
Design Life	15+ years		
Installation	Stacked		
Allowed Humidity Range	≤95% RH		
Max. Operation Altitude	≤2000m		
Certification	UN38.3, IEC 62619, CE-EMC		

Compatible inverter brands: Deye, Senergy, Growatt, Invt, Megarevo - more brands to be added.



THREE PHASE HYBRID INVERTER

VW5/6 KTHES



THREE PHASE HYBRID INVERTER

VW8/10 KTHES



Models	VW5KTHES	VW6KTHES
Max. Efficiency (PV to AC)	98.2%	
Max. Efficiency (BAT to AC)	94.0%	
Max. PV Power	8000W	9000W
Max. Input Current (Input A/Input B)	15A / 15A	
Max. Short Current (Input A/Input B)	20A / 20A	
MPPT Voltage Range	160V~950V	
No. of MPPT Trackers	2	
String Per MPP Tracker	1+1	
Battery Voltage Range	150V~600V	
Nominal AC Output Power	5000W	6000W
Max. AC Output Current	3*8.3A	3*10A
Nominal AC Voltage	380V / 400V / 415V	
AC Voltage Range	277V~520V (Adjustable)	
Nominal Grid Frequency	50Hz / 60Hz	
AC Frequency Range	45Hz~55Hz / 55Hz~65Hz(Adjustable)	
THDI	<3%(Nominal Power)	
Max. Operation Altitude	4000m	
Noise Emission	≤30dB	
IP	IP65	
Cooling Concept	Natural Cooling	
Dimensions(W*H*D)	530*550*212mm	
Weight	26kg	
Display	LED+APP	
Communication	BMS (CAN/RS485), Optional: WiFi/GPRS/4G/Ethernet, DI (DRM/RCR) / Meter (RS485), 1*DO, USB (Firmware upgrade)	
Certification	IEC 61727/62116, EN 50549-1, VDE 4105, AS 4777, CEI 0-21, G99, C10/11, NTS 097, RD627/NTS & IEC62109-1&2, IEC62040-1, IEC62477-1	

Models	VW8KTHES	VW10KTHES
Max. Efficiency (PV to AC)	98.4%	
Max. Efficiency (BAT to AC)	94.0%	
Max. PV Power	12000W	15000W
Max. Input Current (Input A/Input B)	20A / 30A	
Max. Short Current (Input A/Input B)	30A / 40A	
MPPT Voltage Range	160V~950V	
No. of MPPT Trackers	2	
String Per MPP Tracker	1+2	
Battery Voltage Range	150V~600V	
Nominal AC Output Power	8000W	10000W
Max. AC Output Current	3*13.3A	3*15.2A
Nominal AC Voltage	380V / 400V / 415V	
AC Voltage Range	277V~520V (Adjustable)	
Nominal Grid Frequency	50Hz / 60Hz	
AC Frequency Range	45Hz~55Hz / 55Hz~65Hz(Adjustable)	
THDI	<3%(Nominal Power)	
Max. Operation Altitude	4000m	
Noise Emission	≤30dB	
IP	IP65	
Cooling Concept	Natural Cooling	
Dimensions(W*H*D)	530*550*212mm	
Weight	29Kg	
Display	LED+APP	
Communication	BMS (CAN/RS485), Optional: WiFi/GPRS/4G/Ethernet, DI (DRM/RCR) / Meter (RS485), 1*DO, USB (Firmware upgrade)	
Certification	IEC 61727/62116, EN 50549-1, VDE 4105, AS 4777, CEI 0-21, G99, C10/11, NTS 097, RD627/NTS & IEC62109-1&2, IEC62040-1, IEC62477-1	

V-Mute All-in-one Residential Solution



ALL-IN-ONE RESIDENTIAL ESS SYSTEM

V-Mute



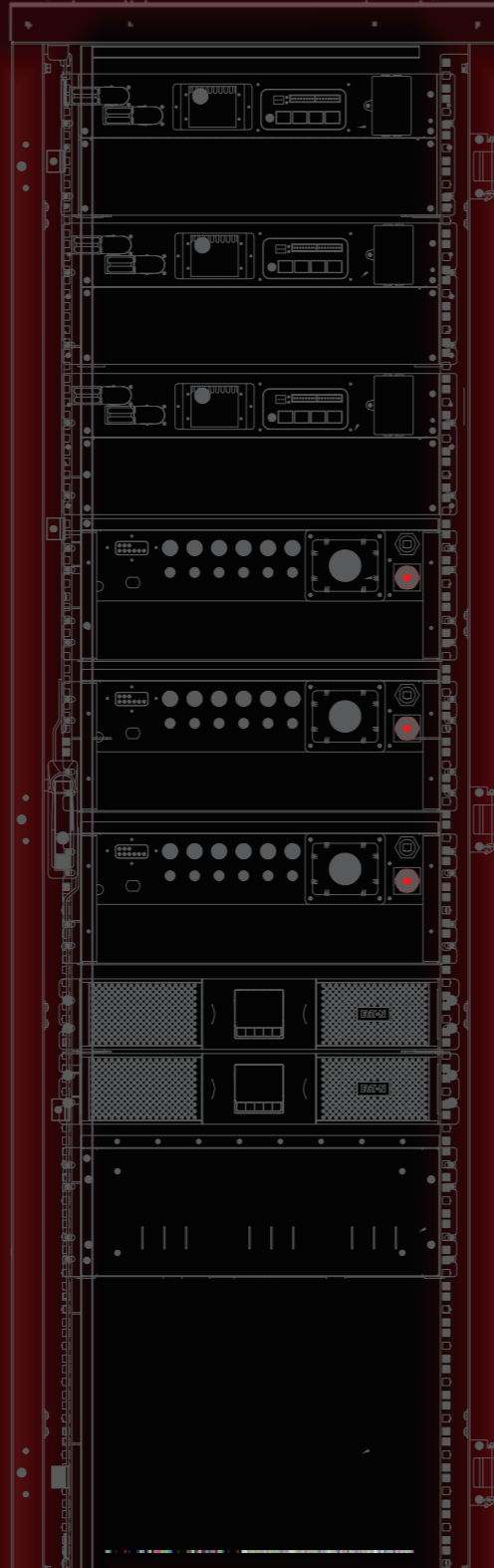
Models	V-Mute
System Specification	
Nominal Output Power	6000W
Cell Type	LFP
IP	IP21
Dimensions(W*H*D)	545*1566*200mm
Weight	125kg
Warranty	5 year product warranty, 10 year performance warranty
Inverter Technical Specification	
Nominal AC Voltage	230V single-phase L+N+PE
Backup	EPS
Communication	WIFI
Nominal Grid Frequency	50/60Hz
Max. PV Input Power	9000W
Max. PV Input Current	15A/15A
Max. PV Voltage	550V
MPPT Tracker/Strings	2/1
MPPT Voltage Range	70V~540V
Max. Charging/Discharging Current	120A
Max. Charging/Discharging Power	6000W
Safety Certification	Design based on IEC62109-1&2,IEC62040-1,IEC62477-1
Grid Certification	Design based on VDE-AR-N4105,AS 4777.2,EN 50549-1,G99,CEI 0-21,NRS 097-2-1
Battery Technical Specification	
Nominal Energy	10.24kWh
Nominal Voltage	51.2V
Max. Charging/Discharging Current	100A
Cycle life	6000@80% DOD, 25 °C
Certification/Safety Standard	UN38.3, IEC 62619, CE-EMC

Remarks : The range of output voltage and frequency may vary depending upon different grid codes.



INDUSTRIAL AND COMMERCIAL ESS SOLUTIONS

- Improving energy resilience with an energy storage system that allows for critical loads backup.
- Saving money by reducing or eliminating utility peak demand charges.
- Maximize renewable self-consumption and participate in demand response programs.
- Prepare for the future shared energy market with your commercial virtual power plant.



ALL-IN-ONE INDUSTRIAL COMMERCIAL ESS

VED215-100K

- HIGHLY INTEGRATION
- THREE LEVEL BMS
- WIDE VOLTAGE INPUT RANGE
- MODULAR DESIGN
- MULTI-SCENARIO APPLICATIONS

Models	VED215-100K
PV Input	
Nominal PV Power	50~100KW
Max. PV Power	55~110KW
MPPT Voltage Range	200V~650V(600V~650V Full load)
Max. PV Input Current	110A
AC Output	
Nominal Power	100KW
Max. Output Power	110KW
Nominal AC Voltage	400Vac
AC Frequency Range	50Hz / 60Hz
Nominal AC Current	144A
Efficiency	97.3%
Grid Connection	3W+N+PE / 3W+PE
Overload Capacity	Up to 110%(Continue),Up to 120% By 1min
Battery System	
Nominal Energy	215.04kWh
Nominal Capacity	280Ah
Nominal Voltage	768V
Operating Voltage Range	672V~852V
Max. Charge/Discharge Current	140A
System Parameter	
Heat Management	Fan/Heat Exchanger/Air Conditioner
Noise Emission	< 70dB
Relative Humidity	0~95% RH
IP	IP54
Operating Temperature Range	-20 C ~+60 C
Dimensions(W*H*D)	1850*2300*1200mm
Communication	RS485, CAN, Ethernet, Dry contact
Isolation Mode	Non-Isolated (Optional Transformer)



CONTAINER ESS — 10ft / 20ft CONTAINER



BATTERY CLUSTER FOR ESS

768V / 280Ah



HIGH RATE



SAFETY



INTELLIGENT



MAX. CAPACITY

Models	10ft container		20ft container	
Specification	250kW / 430kWh	250kW / 645kWh	500kW / 1075kWh	630kW / 1290kWh
DC Parameter				
Nominal Capacity	280Ah			
Configuration	1P20S			
Nominal Energy	17.92kWh			
Battery Cluster String	1P240S*2	1P240S*3	1P240S*5	1P240S*6
No. of Modules	24	36	60	72
Voltage Range	600Vdc~876Vdc			
Total Capacity	430kWh	645kWh	1075kWh	1290kWh
Max. Charge/Discharge Current	200A/Cluster			
PCS Parameter(On-Grid)				
Nominal Power	250kW		500kW	630kW
Nominal Voltage	400Vac		400Vac	
Nominal Current	397A		794A	1000A
Nominal Frequency	50Hz/60Hz		50Hz/60Hz	
Max. Charge/Discharge Power	275kW/10min		550kW/10min	693kW/10min
Power Factor	>0.99 (Nominal Power)/±1 LG/LD		>0.99 (Nominal Power)/±1 LG/LD	
THDI	<3% (Nominal Power)		<3% (Nominal Power)	
Transformer	Optional	/	Optional	/
System Parameter				
Cooling Concept	Air conditioning			
Noise Emission	<68dB (1m)			
IP	IP54			
Max. Operation Altitude	3000m (>2000m Derating)			
Temperature Range	-30°C to 50°C			
Humidity Range	0~95%			
Communication	Modbus RTU/Modbus TCP			
Certification	IEC62933, IEC62619, UL1642			
Dimensions(W*H*D)	2438*2896*2991mm		2438*2896*6058mm	
Total Weight(Approx.)	13t	15t	20t	22t

Models	VEI-50K	VEI-215K
Cell Type	LFP	LFP
Nominal Energy	51.2kWh	215.04kWh
Configuration	160S1P	240S1P
Dimensions(W*H*D)	600*2000*800mm	1200*2260*750mm
Weight	750kg	1650kg
Nominal Capacity	100Ah	280Ah
Nominal Voltage	512V	768V
Voltage Range	448Vdc~576Vdc	672Vdc~816Vdc
Max. Charge Current	100A	200A
Max. Discharge Current	200A	200A
Certifications	UN38.3/UL1642(Cell)	
Operating Temperature	0°C~55°C	
Recommended Temperature	25°C	
Communication	RS485/CAN	
IP	IP20	
Cycle Life	≥6000, 80% DOD @ 25°C	
Discharge Depth	100%	
Installation	Indoor	



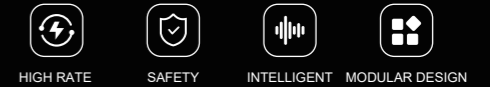
TELECOM BACKUP SOLUTION

- Most safety LiFePO4 as cathode material
- Long design life of 15 years
- Free maintenance, easy installation
- BMS Intelligent anti-theft solution (optional)



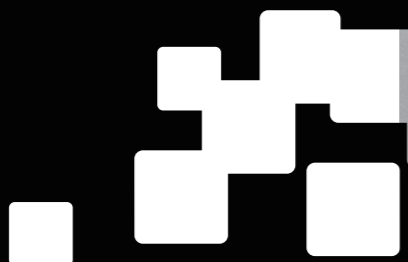
TELECOM BATTERY PACK

VT4850 / 100 / 150
VT48200 / 270 / 300



Models	VT4850	VT48100	VT48150
Cell Type	LFP	LFP	LFP
Nominal Energy	2.4kWh	4.8kWh	7.2kWh
Nominal Capacity	50Ah	100Ah	150Ah
Nominal Voltage	48V	48V	48V
Operating Voltage Range	40.5V~54.0V	40.5V~54.0V	40.5V~54.0V
Dimensions(W*H*D)	442*127*400mm	445*133.5*450mm	442*177*450mm
Weight	28kg	41kg	55kg
IP	IP20		
Expansion	15		
Communication	RS485/CAN/SNMP/Dry contact		
Cycle life	3500@80% DOD, 25 °C		
Referenced Standard	UN38.3, UL1973, IEC 62619, CE-EMC		

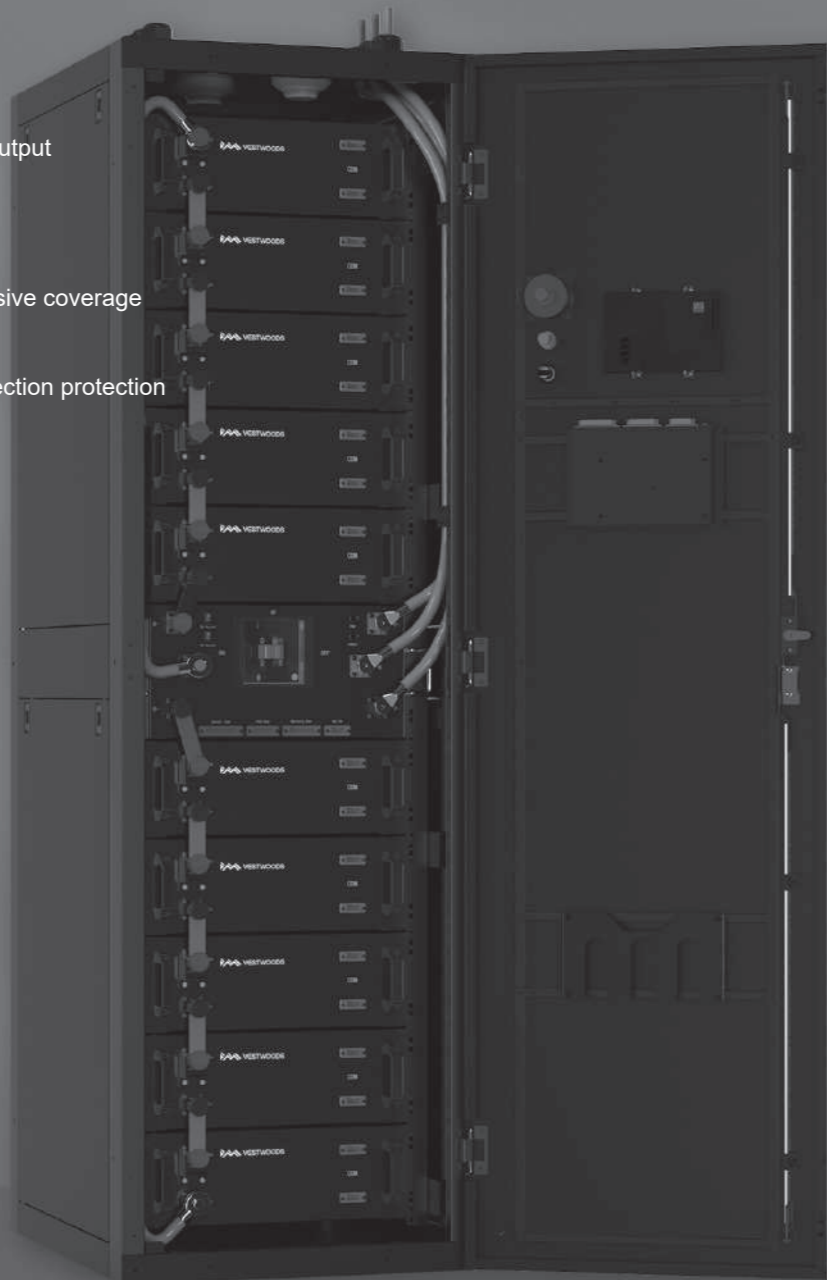
Models	VT48200	VT48270	VT48300
Cell Type	LFP	NCM	LFP
Nominal Energy	9.6kWh	12.9kWh	14.4kWh
Nominal Capacity	200Ah	270Ah	300Ah
Nominal Voltage	48V	48V	48V
Operating Voltage Range	40.5V~54.0V	40.5V~54.0V	40.5V~54.0V
Dimensions(W*H*D)	444*222*490mm	442*260*500mm	442*222.5*595mm
Weight	78kg	73kg	100kg
IP	IP20		
Expansion	15		
Communication	RS485/CAN/SNMP/Dry contact		
Cycle life	3500@80% DOD, 25 °C		
Referenced Standard	UN38.3, IEC 62619, CE-EMC		





UPS BACKUP BATTERY SOLUTION

- Flexible configuration of voltage and capacity output
- Support two-wire and three-wire UPS
- Fault diagnosis hierarchical design comprehensive coverage
- Accurate over current, short circuit, reverse connection, over temperature, gas detection protection
- Standardized modular and systematic design concept, rapid parallel expansion



UPS BACKUP BATTERY SYSTEM

FlexLi-512100V2



Models	FlexLi-512100V2
System Parameters	
Cell Type	LFP
Nominal Energy	51.2kWh
Nominal Capacity	100Ah
Nominal Voltage	512Vdc
Operating Voltage Range	448Vdc~576Vdc
Wiring Method	3-Wire/2-Wire Type (Optional)
Recommend Charge Voltage	576Vdc
Charge Current/Max. Continuous	100A
Discharge Cut-off Voltage	448Vdc
Discharge Current/Max. Continuous	300A
Depth of Discharge	80% DOD
Dimensions(W*H*D)	600*2000*1000mm
Weight	753kg
IP	IP20
Expansion	8
Display	LCD
Communication	CAN, RS485, DO/DI, SNMP-V3(Optional)
Cooling Mode	Natural
Cycle Life	≥3500, 80%DOD@25 C
Design Life	15+ Years
Feeding In/out Method	Top/Bottom In & Out
Certification/Safety Standard	UN38.3/ IEC62619/CE-EMC
Battery Pack	
Nominal Energy	5.12kWh
Nominal Voltage	51.2Vdc
Dimensions(W*H*D)	483*154*600mm
Weight	57kg
Storage Temperature Range	-20 C~60 C
Operation Temperature Range	0 C~45 C
Humidity	≤95% RH
Max. Operation Altitude	≤2000 Normal Operation; > 2000m, 10% Derate/1000m



GOLF CART BATTERY SOLUTION

VPL48100 / 72100



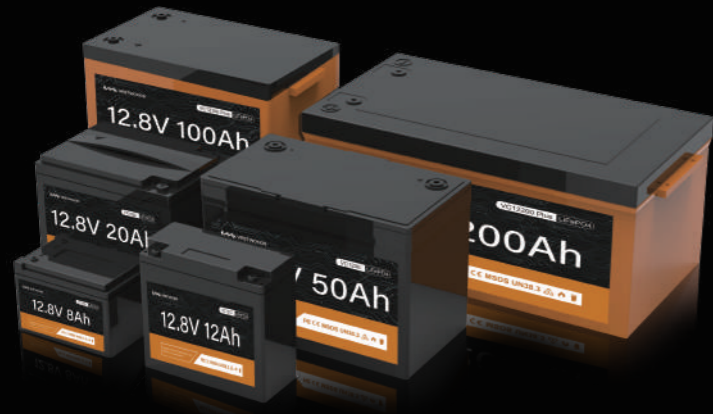
POWER BATTERY SYSTEM SOLUTION

- Excellent Temperature Tolerance
- Longer Product Life
- Certification Approved
- Free of Maintenance
- Expense modbus/CAN/SNMP V2/SNMP V3/ dry contact / anti-theft / display and other function options.



Models	VPL48100
Cell Type	LFP
Nominal Energy	5120Wh
Nominal Capacity	100Ah
Dimensions(W*H*D)	460*326*250mm
Weight	44.5kg
Discharge Current/Max. Continuous	100A
Peak Discharge Current	400A@3S
IP	IP54
Nominal Voltage	51.2V
Operating Voltage Range	44.8V~58.4V
Certification	UN38.3,MSDS,CE-EMC,IEC

Models	VPL72100
Cell Type	LFP
Nominal Energy	7680Wh
Nominal Capacity	100Ah
Dimensions(W*H*D)	805*326*245mm
Weight	71.5kg
Discharge Current/Max. Continuous	100A
IP	IP54
Nominal Voltage	67.2V
Operating Voltage Range	67.2V~87.6V
Peak Discharge Current	400A@3S
Certification	UN38.3,MSDS,CE-EMC,IEC



VC-CUBE SERIES

VC1206 / 08 / 20 / 50
 VC12100 / 150 / 200
 VC26210 / 52110



Models	VC1206	VC1208
Cell Type	LFP	LFP
Nominal Energy	76.8Wh	102.4Wh
Nominal Capacity	6Ah	8Ah
Dimensions(W*H*D)	151*94*65mm	151*94*65mm
Weight	0.75kg	0.95kg
Discharge Current/Max. Continuous	6A	8A
IP	IP65	
Nominal Voltage	12.8V	
Operating Voltage Range	10.8V~14.6V	
Peak Discharge Current	30A@5S	
Certification	UN38.3,MSDS,CE-EMC	

Models	VC1220	VC1250
Cell Type	LFP	LFP
Nominal Energy	256Wh	640Wh
Nominal Capacity	20Ah	50Ah
Dimensions(W*H*D)	181*170*77mm	223*178*150mm
Weight	2.3kg	5.6kg
Discharge Current/Max. Continuous	20A	
IP	IP65	
Nominal Voltage	12.8V	
Operating Voltage Range	10.8V~14.6V	
Peak Discharge Current	60A@5S	
Certification	UN38.3,MSDS,CE-EMC,IEC,UL1973	

Models	VC12100Plus	VC12150Plus	VC12200Plus
Cell Type	LFP	LFP	LFP
Nominal Energy	1280Wh	1920Wh	2560Wh
Nominal Capacity	100Ah	150Ah	200Ah
Dimensions(W*H*D)	307*213*169mm	340*190*245mm	520*220*270mm
Weight	11.5kg	16.7kg	31.5kg
Discharge Current/Max. Continuous	100A	100A	100A
IP	IP65		
Terminal	M8		
Casing material	ABS		
Operating Temperature Range	Charge : 0-55 °C Discharge:-20-60 °C		
Humidity Range	< 95% RH		
Storage temperature	15~35 °C		
Nominal Voltage	12.8V		
Operating Voltage Range	10.8V~14.6V		
Recommended DOD	Peak Discharge Current/A@5S:300		
Certification	UN38.3,MSDS,CE-EMC,IEC		

Models	VC52105
Cell Type	NMC
Nominal Energy	5376Wh
Nominal Capacity	105Ah
Dimensions(W*H*D)	520*220*270mm
Weight	33kg
Discharge Current/Max. Continuous	100A
IP	IP65
Nominal Voltage	51.2V
Operating Voltage Range	39.2V~58.8V
Peak Discharge Current	300A@5S
Terminal	M8
Casing material	ABS
Operating Temperature Range	Charge : 0-55 °C Discharge:-20-60 °C
Humidity Range	< 95% RH
Storage temperature	15~35 °C
Certification	UN38.3,MSDS,CE-EMC,IEC

Contact.

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