

SIMPO HV

Residential ESS / Small C&I
Easy Stackable 120-657V
6.4kWh-230.4kWh

SIMPO HV								
Module Data	3.2 kWh, 64V, 36kg							
Module Quantity In Tower	2	3	4	5	6	7	8	9
Usable Energy(kWh)	6.4	9.6	12.8	16	19.2	22.4	25.6	28.8
Nominal Votage(V)	128	192	256	320	384	448	512	576
Operating Voltage Range(V)	120~146	180~219	240~292	300~365	360~438	420~511	480~584	540~657
Max Continuous Current(A)	30							
Peak Output(A)	45, 5s							
Weight(Kg)	102	138	174	210	246	282	318	354
Dimension_W(mm)	610							
Dimension_D(mm)	240							
Dimension_H (mm)	670	860	1050	1240	1430	1620	1810	2000
Round-trip Efficiency	96.0%							
Charging Temp Range(°C)	-10~50							
Discharging Temp Range(°C)	-20~50							
Operating Humidity	Up to 95% (Non-condensing)							
IP Rating	IP65							
Communication	CAN / Modbus RS485							
Altitude(m)	≤3000							
Warranty	10 Years							
Scalability(Parallel)	1~8 Towers							
Certificate	UN38.3 / CE / IEC62619 / CEC / VDE2510-50							

16 Premium Benefits To Simplify Your Project

LFP Prismatic
Reliable chemistry for energy storage needs

IP65-Rated
Ideal for indoor and outdoor use with IP65 protection

Operation Voltage
100-700V Range

Parallel Connection
Connect up to 8 towers in parallel

Optimized Parallel Connection
Hot-Swappable towers for uninterrupted operation

Smart Start
No app needed, just one-click setup

Portal Monitoring
Real-Time access and control of your system

High C Rate
Maximizing performance with resilient power output

Smaller Floor Print
Compact and installation floor print reduced by 30%

Screwless Installation
Easy assembly with screwless module connection

Quick Connect
Plug-in terminals

Intelligent HMI
Features data display and black start capabilities

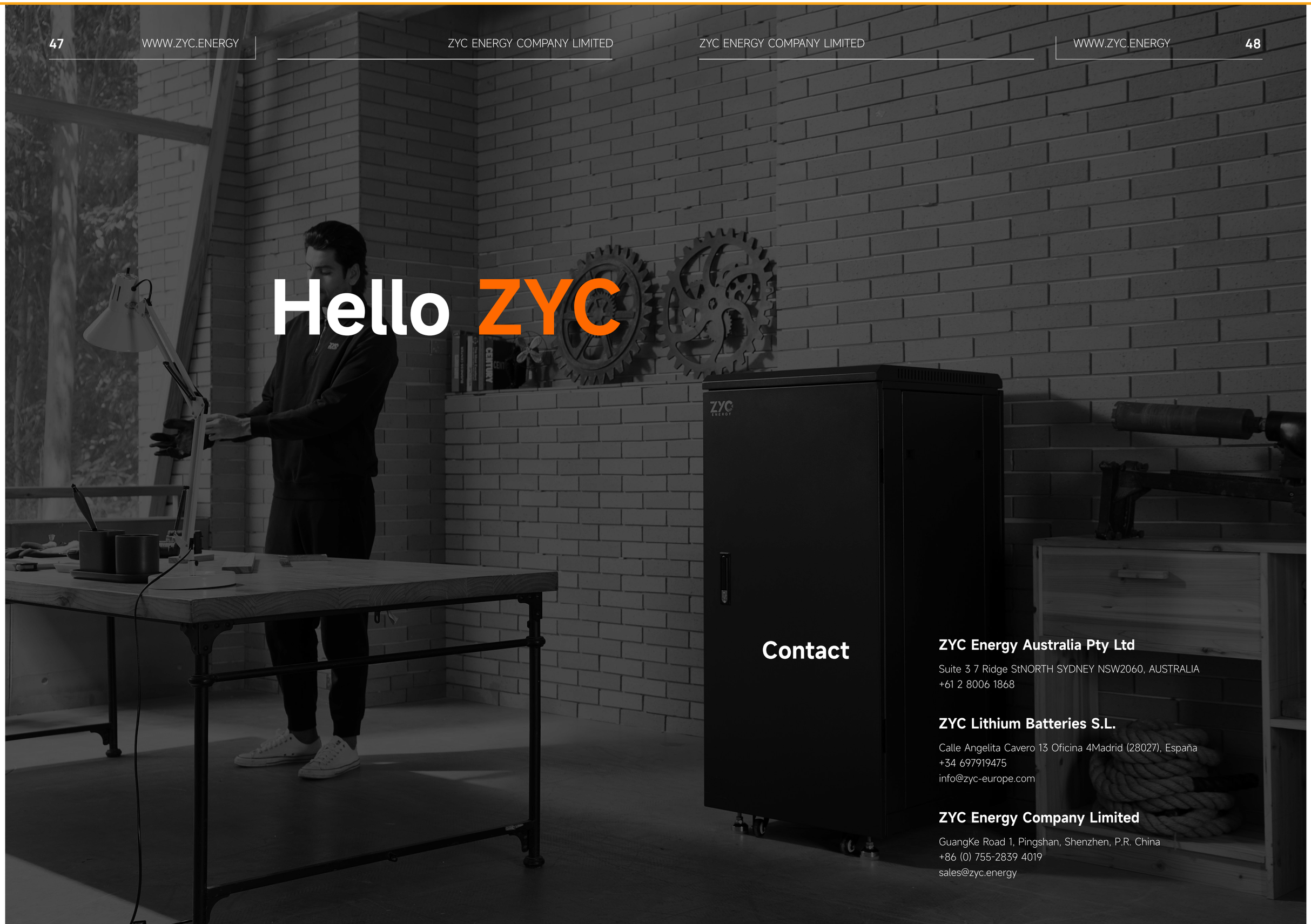
Min/Max System Size
6.4KWh-230.4KWh, for residential and C&I

Low Temperature Performance
Ensures optimal charging even at -10°C

Cybersecurity
Robust cybersecurity measures

Performance Warranty
10 years performance warranty

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