ZYC ENERGY

SIMPO HV

400v, 6.4kwh – 28.8kWh

Economical and quality residential battery

On Grid Market

ZERO YOUR CARBON

Cost Effective Residential On Grid

ZYC Simpo HV

6.4kWh – 246kWh

(W)610mm* (D)240mm* (H)1810mm

120V – 500V

GOODWE

GW5K-ET ~ GW30k-ET

GW3.6k-EH ~ GW6k-EH

GW3.6k-BH ~ GW6k-BH

Deye

SUN-5K ~ SUN-25K

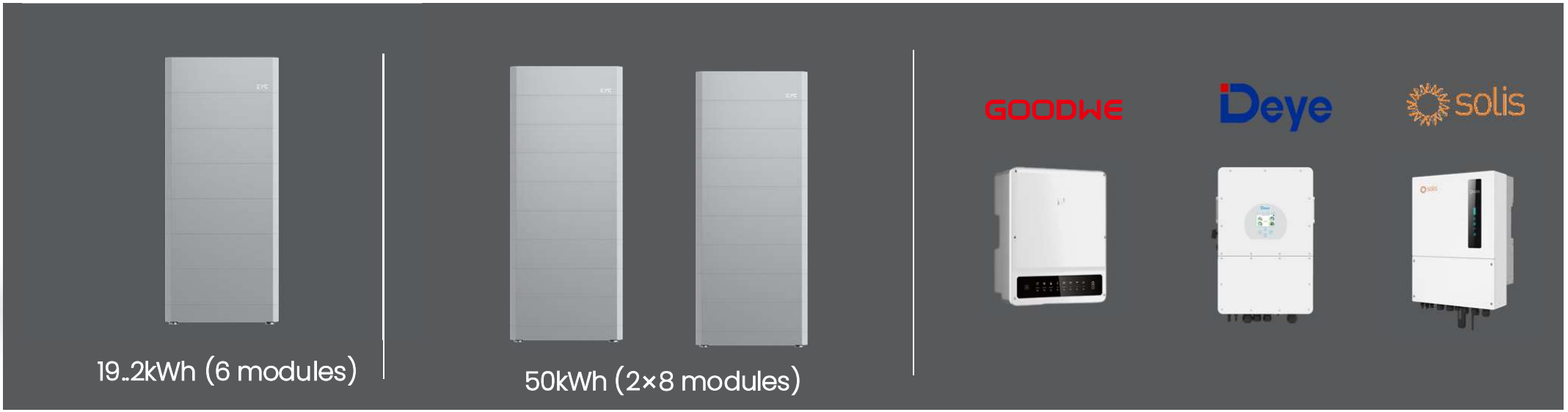
SUN-29.9K ~ SUN-50K

solis

S6-EH3P(3-10)K

S6-EH3P(12-20)K

Cost Effective Residential On Grid



20kWh On Grid Package

Outdoor Install
Quick Installation
Compact Design
Federal rebate eligible

50kWh On Grid Package

Outdoor Install
Quick Installation
Compact Design
Federal rebate eligible

Cost Effective ON Grid Package

- 10kVA / 20kWh On Grid
- Federal Rebate Eligible
- Hybrid Solution / Cost Effective
- Easy Installation
- Expandable

Small C&I Package

- 30kVA / 50kWh On Grid
- Federal Rebate Eligible
- Hybrid Solution / Cost Effective
- Easy Installation
- Expandable

Product

Datasheet

Module Data	3.2kWh, 64V, 36kgs							
Module Qty	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 Voltage, V	128	192	256	320	384	448	512	576
Operating Voltage Range, V	100~146	150~219	200~292	250~365	300~438	350~511	400~584	450~657
Max Continuous Current, A	30	30	30	30	30	30	30	30
Peak Output Current, A	45, 5s	45, 5s	45, 5s	45, 5s	45, 5s	45, 5s	45, 5s	45, 5s
Weight (kg) (estimated)	102	138	174	210	246	282	318	354
Dimension (Width) (mm)	610							
Dimension (Depth) (mm)	240							
Dimension (Height) (mm)	570	760	950	1140	1330	1520	1710	1900
Round-trip Efficiency	96%							
Operating Temperature	-10~50°C							
IP Rating	IP65							
Communication	CAN / Modbus RS485							
Warranty	10Years +2.5Years (optional)							
Altitude	≤3000 m							
Certificate	CE / IEC62619 / CEC/VDE2510-50							

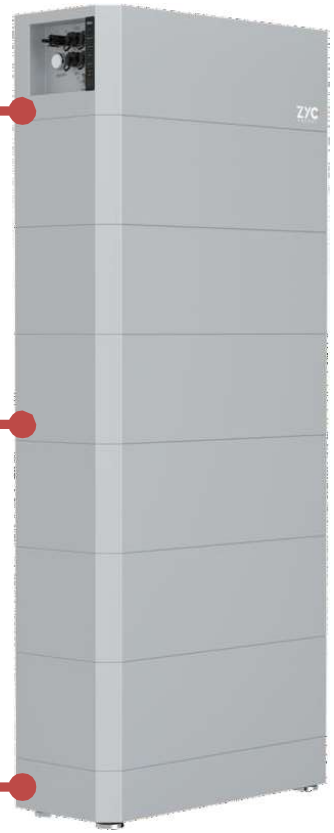
Advantages

- Automatic configuration
- Life-time Extension
- Intelligent HMI
- Up to 8 Towers in Parallel
- Easy 1person Installation
- Prismatic LFP Cell Tech

BMS
Intelligent HMI and Quick Connector

Battery Module
LFP / 3.2kWh, 64V / IP65

Base
Small Footprint



Advantages

Quick Installation

One person Install

One battery module is 36kg

Efficient installation is ensured, the module connections are designed for easy mounting without the need of screws

Advantages

Quick & Smart Start

One click configuration without app

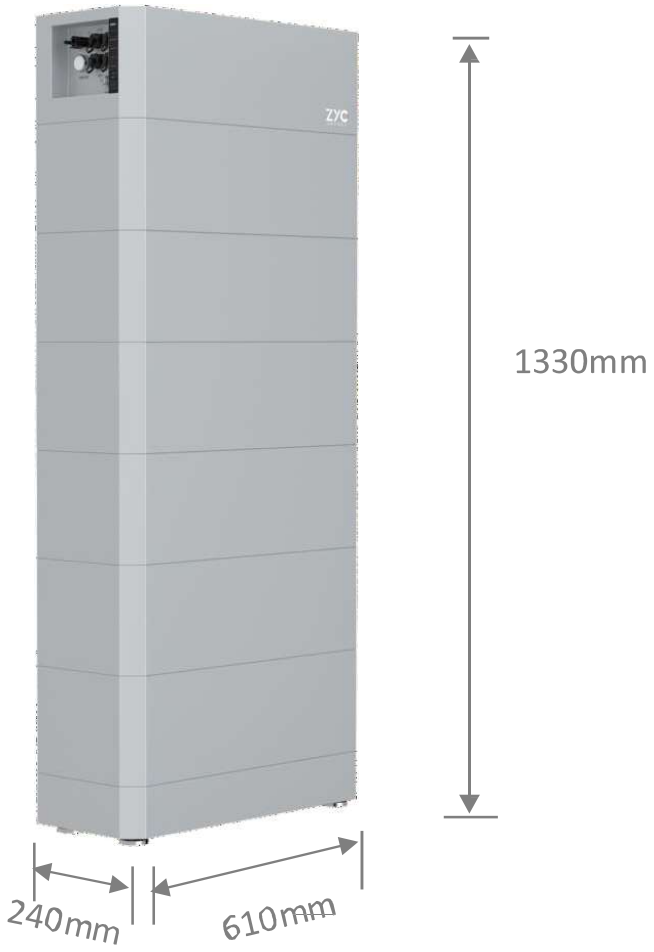
Advantages

Quick Connect

Advantages

Compact size

Ideal for
Outdoor Installation or Garage



Advantages

Wide Range usable capacity covering residential to Small C&I

- Max 8 batteries each tower
- 120~584V, **6.4kWh ~ 230.4kWh**

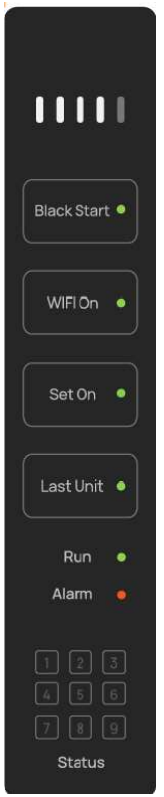
- Up to 8 towers in parallel
- No extra communication board

2 Modules	3 Modules	4 Modules	5 Modules	6 Modules	7 Modules	8 Modules
6.4kWh	9.6kWh	12.8kWh	16kWh	19.2kWh	22.4kWh	25.6kWh
128V	192V	256V	320V	384V	448V	512V

Advantages

Intelligent HMI (Human Interface)

Data Display and Black Start



SOC

Button

Status

Each module Status

Advantages

Portal Monitoring

Customized web portal for monitoring and ticketing

Looking forward to working with you
and
power more Aussie homes

ZYC ENERGY