

Z BOX-I ALL-IN-ONE ESS Cabinet

# • | 156-1H 150kw / 156kwh | 1C

🗐 Low costs 🛛 🛱 Flexible

(4) Safe & reliable

Efficient

Model	101-90KN-94	I01-100KN-104	I01-110KN-114	I01-120KN-125	I01-120KN-135	I01-150KN-156
Battery data						
Cell type	LFP					
Rated capacity	102 Ah					
Serial-parallel type	2P144S	2P160S	2P176S	2P192S	2P208S	2P240S
Rated capacity per pack	10.444 kWh					
Pack number	9	10	11	12	13	15
System rated energy capacity	93.996 kWh	104.44 kWh	114.884 kWh	125.328 kWh	135.772 kWh	156.66 kWh
Rated DC voltage	460 V	512 V	563 V	614 V	665 V	768 V
Rated DC voltage range	403~518 V	448~576 V	492~633 V	537~691 V	582~748 V	672~864 V
Rated DC current			- -			- -
Rated AC power	90 kW	100 kW	110 kW	120 kW	120 kW	150 kW
Rated AC voltage	400 Vac					
Rated frequency	50/60 Hz					
Rated AC current	129 A	144 A	158 A	173 A	173 A	216 A
AC wiring type	3W/N+PE					
Power factor	-0.8 ~ 0.8					
General Data						
DOD	95%					
Protection degree	IP 54					
Cooling method	Intelligent fan cooling					
Fire suppression system	Novec 1230 + Aerosol					
Operating temperature range	-30 ~ 60 ° C ( > 45° C derating)					
Relative humidity	0% ~ 95% RH (non-condensing)					
Max.working altitude	2000 m					
Display	LED + Touch Screen (Optional)					
COM interfaces	WiFi + LAN+4G					
Dimensions (L*W*H)	1500*1600*2200 mm					
Weight	2290±50 kg	2375±50 kg	2460±50 kg	2545±50 kg	2630±50 kg	2800±50 kg



ZOE Energy Storage, a pioneer in integrating investment, operation of energy storage stations, and the R&D, manufacturing, and sales of energy storage systems, has its global and application of energy storage technology. The company operates 14GWh intelligent energy storage factories in Jiangxi and Sichuan and has established the ZOE Digital Center in Shanghai. Leveraging outstanding R&D capabilities and innovative approaches, ZOE delivers both standardized and tailored energy storage solutions, bridging grids and

# • Project Cases

#### Generation/Grid Side



#### **Xishan Energy Storage Power Station** Project

**Scenario Requirements** PV+Storage Project Date 2023 System Capacity 27MW/27MWh Application Peak shaving, Frequency regulation



Hongfeng Solar and Storage Project **Scenario Requirements** 24/7 uninterrupted high-energy usage Project Date 2024 System Capacity 11MW/22MWh

Application Peak shaving, Back-up power

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Renewable Energy with Storage
in High-Altitude Areas
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### **Highland Energy Storage** Project

ZOE

**Scenario Requirements** Renewable energy storage in low-temperature environments at high altitudes

#### Application

Maximizing renewable energy use, preventing wind and solar waste

# • Projects Gallery

C&I energy storage for reducing monthly electricity costs, peak shaving, frequency regulation

























