



Z BOX-I 156-1H

C&I All-in-one ESS

- Highly-integrated all-in-one design
- Ultra-fast response
- Energy cost saving & revenue optimization
- Safe and reliable
- Easier operation & maintenance
- Intelligent and user-friendly: remote control and time-of-use model

Z BOX-I 156-1H 150kW / 156kWh | 1C

The Z BOX series is designed as an efficient energy management solution for commercial and industrial users. They help optimize power usage and increase lifecycle revenue through Self-Consumption, Peak Shaving, Frequency Regulation, Dynamic Capacity Augmentation etc.

Product Specification Sheet

Model	I01-90KN-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
AC Data						
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%					
Noise	≤75dB					
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

About ZOE

ZOE Energy Storage is a Tier 1 provider of integrated energy storage products and system solutions. Our flagship ESS- Z BOX series has obtained European most stringent safety and quality certifications, enabling global deployment with proven reliability and technological excellence. Through vertically-integrated expertise spanning R&D, certification, and mass deployment, we provide customers worldwide with optimized ESS solutions balancing safety and cost-effectiveness