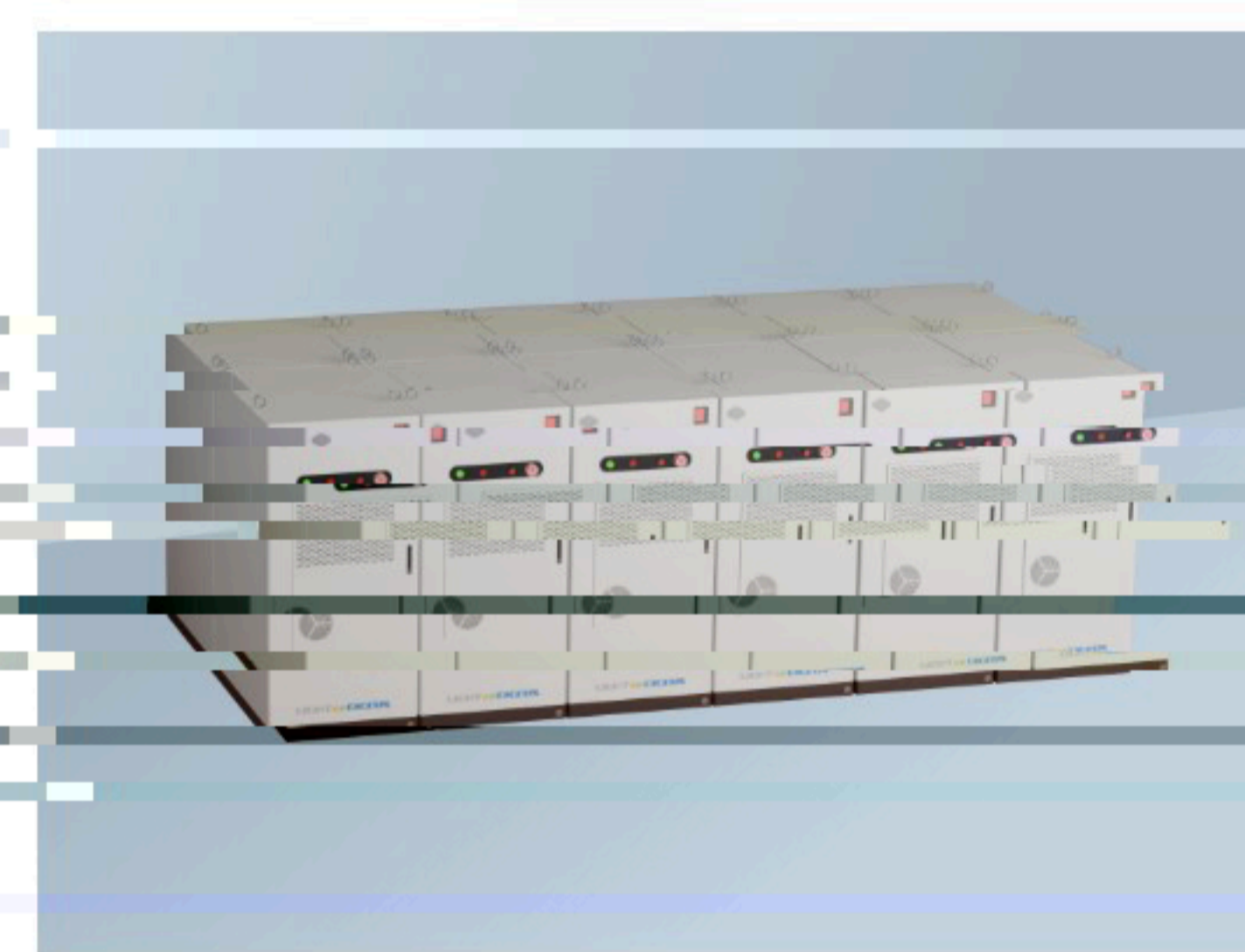
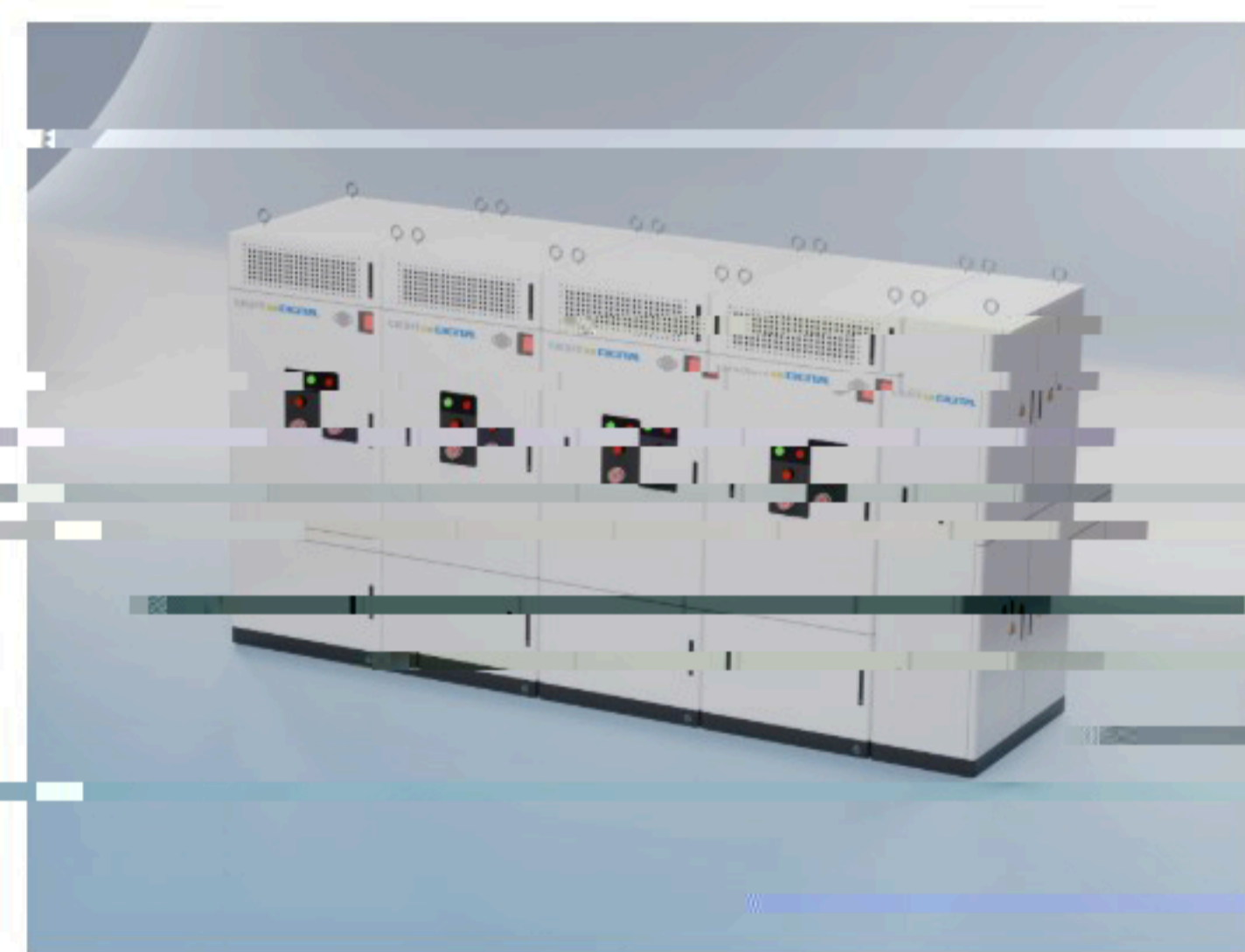


**Zhiguang Digital All Liquid
Cooling industrial and
Commercial Energy Storage
System (110kw/233kwh)**



Features

- Ultimate modularity and standardized design
- PACK and PCS dual channel liquid cooling
- Flexible layout combination, cabinet depth 20 inch, 24 inch, 28 inch, 30 inch, 32 inch, 36 inch, 40 inch, 44 inch, 48 inch, 52 inch, 56 inch, 60 inch, 64 inch, 68 inch, 72 inch, 76 inch, 80 inch, 84 inch, 88 inch, 92 inch, 96 inch, 100 inch, 104 inch, 108 inch, 112 inch, 116 inch, 120 inch, 124 inch, 128 inch, 132 inch, 136 inch, 140 inch, 144 inch, 148 inch, 152 inch, 156 inch, 160 inch, 164 inch, 168 inch, 172 inch, 176 inch, 180 inch, 184 inch, 188 inch, 192 inch, 196 inch, 200 inch, 204 inch, 208 inch, 212 inch, 216 inch, 220 inch, 224 inch, 228 inch, 232 inch, 236 inch, 240 inch, 244 inch, 248 inch, 252 inch, 256 inch, 260 inch, 264 inch, 268 inch, 272 inch, 276 inch, 280 inch, 284 inch, 288 inch, 292 inch, 296 inch, 300 inch, 304 inch, 308 inch, 312 inch, 316 inch, 320 inch, 324 inch, 328 inch, 332 inch, 336 inch, 340 inch, 344 inch, 348 inch, 352 inch, 356 inch, 360 inch, 364 inch, 368 inch, 372 inch, 376 inch, 380 inch, 384 inch, 388 inch, 392 inch, 396 inch, 400 inch, 404 inch, 408 inch, 412 inch, 416 inch, 420 inch, 424 inch, 428 inch, 432 inch, 436 inch, 440 inch, 444 inch, 448 inch, 452 inch, 456 inch, 460 inch, 464 inch, 468 inch, 472 inch, 476 inch, 480 inch, 484 inch, 488 inch, 492 inch, 496 inch, 500 inch, 504 inch, 508 inch, 512 inch, 516 inch, 520 inch, 524 inch, 528 inch, 532 inch, 536 inch, 540 inch, 544 inch, 548 inch, 552 inch, 556 inch, 560 inch, 564 inch, 568 inch, 572 inch, 576 inch, 580 inch, 584 inch, 588 inch, 592 inch, 596 inch, 600 inch, 604 inch, 608 inch, 612 inch, 616 inch, 620 inch, 624 inch, 628 inch, 632 inch, 636 inch, 640 inch, 644 inch, 648 inch, 652 inch, 656 inch, 660 inch, 664 inch, 668 inch, 672 inch, 676 inch, 680 inch, 684 inch, 688 inch, 692 inch, 696 inch, 700 inch, 704 inch, 708 inch, 712 inch, 716 inch, 720 inch, 724 inch, 728 inch, 732 inch, 736 inch, 740 inch, 744 inch, 748 inch, 752 inch, 756 inch, 760 inch, 764 inch, 768 inch, 772 inch, 776 inch, 780 inch, 784 inch, 788 inch, 792 inch, 796 inch, 800 inch, 804 inch, 808 inch, 812 inch, 816 inch, 820 inch, 824 inch, 828 inch, 832 inch, 836 inch, 840 inch, 844 inch, 848 inch, 852 inch, 856 inch, 860 inch, 864 inch, 868 inch, 872 inch, 876 inch, 880 inch, 884 inch, 888 inch, 892 inch, 896 inch, 900 inch, 904 inch, 908 inch, 912 inch, 916 inch, 920 inch, 924 inch, 928 inch, 932 inch, 936 inch, 940 inch, 944 inch, 948 inch, 952 inch, 956 inch, 960 inch, 964 inch, 968 inch, 972 inch, 976 inch, 980 inch, 984 inch, 988 inch, 992 inch, 996 inch, 1000 inch
- BMS, PACK, Cabinet, three level safety inspection and big data analysis warning
- Battery, PACK, and cabinet three level pressure relief explosion proof
- Networked, EMS energy management, and cloud based big data lifecycle management based on the 53 fully digital concept

Basic	
Configuration	IP260S
Number of Pack	5
Short-circuit current	12.2kA
Electrical	
Rated charging Current	140A
Max. Charging Current	160A Lasts 1 minute
Nominal Capacity	233KWH
Voltage Range	728~949V
Nominal Voltage	832V
Max. continuous current	140A
Rated Power	100kW(0.5P)
Auxiliary Power	
Cooling Unit Power	Cooling:8KW
Voltage range	176-264V
BMS Power	60W
System	
Anticorrosion	C5
IP rating	Battery:IP66,Control:IP65,NEMA 3R
Power connection	Fast Plug
Grounding Mode	≤ 4Ω, Meet the Local Scope Requirements
Cooling Mode	Liquid Cooling
Storage Environment Temperature	-50~60 °C
Operating Environment Temperature	25~55 °C
Environment Humidity	RH≤95% (Non-Condensing)
Altitude Requirements	< 4000m (> 3000m Derating)
Dimension	1530*1300*2330mm
Weight	3000kg
Color	RAL7035
PCS	
Basic	
Rated Power	100kVA
Overload Capability	Constant Operation@110%, 1 min@120%
Efficiency	99%
Power Response time	< 20ms
Charge/Discharge Switching Time	< 50ms
Operating Environment Temperature	-40~40°C (-40~104°F)
Installation	Wall Mounted
IP rating	IP66
Cooling Mode	Liquid Cooling
Isolation Method	Non-Isolated
DC side	
Max. Voltage	1000V
Operating Voltage Range	600~1000V
Full Load Operating Voltage Range	600~1000V
AC side	
Rated Voltage	380V
Rated Current	145A
Max. Long-Term Operating Current	173A
Voltage Range	±15%
Frequency	50/60Hz±5Hz
Total Current Harmonics	< 3%
Communication	
Communications interface	wireless 4G/5G/RJ45/R3483
Communications Protocol	Modbus-RTU/Modbus-RTU



Guangdong Zhiguang Information Co., Ltd.

Add: No. 89, Ruihe Road, Huangpu District, Guangzhou, P.R.China

Tel: 020-83909333

Fax: 020-83909222

Web: www.gzzg.com.cn