ST5015UX-S-2H / ST5015UX-S-4H

NEW

PowerTitan 2.0 Liquid Cooled Energy Storage System



OPTIMAL COST

- Intelligent liquid-cooled temperature control system to optimize the auxiliary power consumption
- Pre-assembled, no battery module handling on site, transportation of complete system

SAFE AND RELIABLE

- Electrical safety management, overcurrent fast breaking and arc extinguishing protection
- The electrical cabinet and battery cabinet are separated to prevent thermal runaway

EFFICIENT AND FLEXIBLE

- High-efficiency heat dissipation, increase battery life and system discharge capacity
- Front single-door-open design, supporting back to back layout drawing
- Function test in factory, limited on-site work, accelerate commissioning process

CONVENIENT O&M

- One-click system upgrade
- Automatic coolant refilling design
- Online intelligent monitoring

© 2024 Sungrow Power Supply Co., Ltd. All rights reserved. Subject to change without notice. Version 3

SUNGROW
Clean power for all

Product name	ST5015UX-S-2H / ST5015UX-S-4H
DC side	
Cell type	LFP 3.2 V / 314 Ah
Battery configuration	416S12P
Nominal capacity	5015 kWh
Nominal voltage range	1123.2 V ~ 1497.6 V
System parameter	
Dimension (W * H * D)	6058 mm * 2896 mm * 2438 mm
Weight	41.5 T
Degree of protection	IP55
Anti-corrosion degree	C4
Operation temperature range	-30 ℃ ~ 50 ℃
Operation humidity range	0 % ~ 100 %
Max. operating altitude	4500 m
Temperature control method	Intelligent liquid cooling
Fire suppression system	Default: FACP, FK5112, Flammable gas detector, Smoke detector, Heat detector, Sounder beacon, Alarm bell, Extinguishant abort button, Ventilation system, Pressure relief port, Manual automatic switching and emergency starting device Optional: Sprinkler, Explosion vent panel, Aerosol
Communication	Ethernet
Standard	IEC 61000, IEC 62619, IEC 62933, UN 38.3/UN 3536, UL 9540A, UL 1973

© 2024 Sungrow Power Supply Co., Ltd. All rights reserved. Subject to change without notice. Version 3