



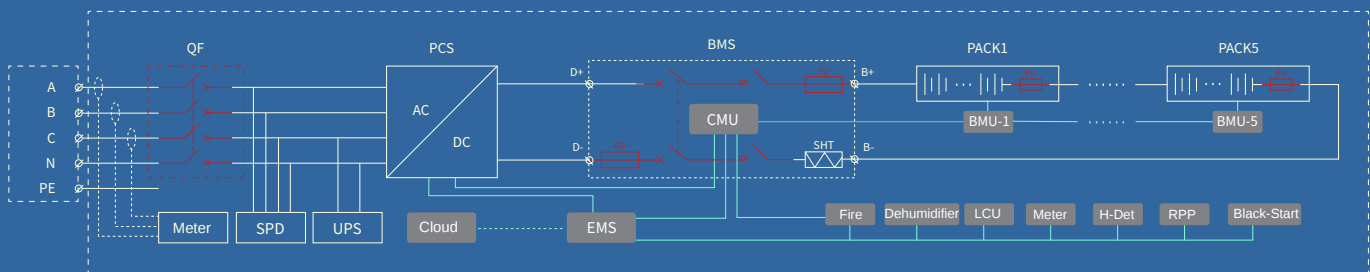
TLC Liquid Cooled C&I Energy Storage Cabinet

TLC-ESS-TBLOCK-261S



TBLOCK

125kW | 261kWh



TBLOCK-261S

PRODUCT HIGHLIGHTS



**UNCOMPROMISING
SAFETY**

- Module-level Fire Protection
- Zoned Cabinet Isolation
- AI Health Management
- 3S Integrated Protection



**SUPERIOR
COST EFFICIENCY**

- 100% DOD
- AC Efficiency $\geq 90\%$
- Flexible Scaling



**GRID-FRIENDLY
PERFORMANCE**

- Weak Grid Support
- 3-Phase Balancing
- AGC/AVC Ready
- Grid/Off-grid Switch



Smart O&M

- Full BCS Monitoring
- Zoned Cabinet Isolation
- Modular Design
- Cloud Analytics

TECHNICAL SPECIFICATIONS

TECHNICAL DATA	TLC-ESS-TBLOCK-261S
DC SIDE	
System nominal capacity	261 kWh
Cell capacity	314 Ah LFP
Nominal voltage	832 Vdc
Voltage range	728 ~ 936 Vdc
AC SIDE	
System nominal power	125 kW
Nominal voltage	380 / 400 Vac, -15% ~ 15% (3P4W + PE)
Nominal frequency	50 / 60 Hz
Power factor range	1.0 leading ~ 1.0 lagging
SYSTEM PARAMETER	
Temperature control method	Intelligent liquid cooling
Temperature difference control	3°C
Nominal charge & discharge rate	0.5 P
Depth of discharge	100%
System protection level	IP55
Max noise	70dB
Communication interface	Ethernet, CAN, RS485
Communication protocol	MODBUS-TCP/IP, MODBUS-RTU
Fire suppression system	Pack-level & Cabinet-level detection + Aerosol
Standard	IEC 62619, IEC 63056, IEC 61000, IEC 60529, AS 62477, AS 4777.2
BASIC PARAMETER	
Dimension (W x D x H)	1000 × 1350 × 2390 mm
Battery cycle life	8000+
Weight	~ 2600 kg
Operation temperature range	-35°C ~ +55°C
Operation humidity range	0 ~ 95% (Non-condensing)
Anti-corrosion level	C4
Max. Operating altitude	2000m

*Specification indexes may be subject to changes without prior notice.