Low-voltage Battery System



T-BAT-SYS-LV D150

Smart Management

- Remote fault diagnosis, upgrade and maintenance
- AI-driven intelligent algorithms for high SOC and accuracy

Assured Reliability

- LFP battery cell & high-performance processors
- IP65 protection degree

High Performance

- Peak discharge current: 310A for 10s
- Cycle life > 6000 times

Flexible Adaptability

- Quick and easy installation
- Modular design, expandable to 16 units in parallel

SOLAX POWER | BVB 09 PARTNER

	T-BAT-SYS-LV D150
Battery type	LFP
Battery component	1P5S x 3
Nominal voltage	48 V
Operating voltage range	42 ~ 54 V
Rated capacity	314 Ah
Nominal energy	15 kWh
Usable energy (90% DOD)①	13.5 kWh
Max. charge / discharge current②	155 A
Peak discharge current	310 A, 10 s
Cylce life (90% DOD)③	＞ 6000 Cycles
Communication interfaces	CAN / RS485
Operation temperature	0 ~ 55°C (charge) -20 ~ 55°C (discharge)
Storage temperature	30 ~ 60°C (6 months) -20 ~ 30°C (1 year)
Max. parallel number	16 pcs
Dimension (L x W x H)	900 x 540 x 220 mm
Weight	125 kg
Installation type	Floor
Degree of protection	IP65
Cooling concept	Natural cooling
Warranty	5 years
Max. operation altitude	3000 m
Certification	UN38.3, IEC62619, CE

① DC usable energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C
② Maximum charge / discharge current may be variant at different temperature and SOC
③ 25°C ± 2°C, 0.5C / 0.5C, 70% EOL ＞ 6000