BY SOLAX TRIPLE POWER

NEW FROM SOLAX

T-BAT-SYS-LV R25

2.56kWh~40.96kWh

Features

- Safe $LiFePO_4$ battery
- Support 3 kinds of installation methods: wall mount, quick bracket mount, cabinet installation
- Long cycle life > 6000 times
- Easy and Fast for single person installation
- Remote monitoring and upgrade
- Easy to scale up

info@solaxpower.com
service@solaxpower.com

Contact Us for More Informations

www.solaxpower.com
AU: +61 1300 476529
DE: +49 6142 4091664
Global: +86 571-56260008
UK: +44 2476 586998
NL:+31 (0) 852 737932

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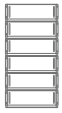
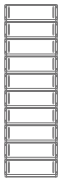
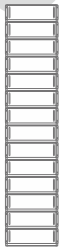
T-BAT-SYS-LV R25

SYSTEM PARAMATERS

Number of Module Serie	1 modules	2 modules	3 modules	4 modules	5 modules	 6 modules	7 modules	8 modules
Nominal Capacity [kWh]	2.5	5.1	7.6	10.2	12.8	15.3	17.9	20.4
Usable Capacity (90% DOD)① [kWh]	2.2	4.5	6.8	9.1	11.5	13.7	16.1	18.3
Max. Output Current [A]	50	85	130	130	130	130	130	130
Peak Discharge Current [A]	60 (60S) 100 (15s)	120 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)
Dimension (L × W × H)[mm]	442 x 420 x 130	442 x 420 x 260	442 x 420 x 390	442 x 420 x 520	442 x 420 x 650	442 x 420 x 780	442 x 420 x 910	442 x 420 x 1040
Weight [kg]	30	60	90	120	150	180	210	240

Number of Module Serie	9 modules	 10 modules	11 modules	12 modules	13 modules	 14 modules	15 modules	16 modules
Nominal Capacity [kWh]	23	25.6	28.1	30.7	33.2	35.8	38.4	40.9
Usable Capacity (90% DOD)① [kWh]	20.7	23	25.2	27.6	29.8	32.2	34.5	36.8
Max. Output Current [A]	130	130	130	130	130	130	130	130
Peak Discharge Current [A]	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)	150 (60S) 200 (15S)
Dimension (L × W × H)[mm]	442 x 420 x 1170	442 x 420 x 1300	442 x 420 x 1430	442 x 420 x 1560	442 x 420 x 1690	442 x 420 x 1820	442 x 420 x 1820 + 442 x 420 x 130	442 x 420 x 1820 + 442 x 420 x 260
Weight [kg]	270	300	330	360	390	420	450	480

Preliminary

GENERAL INFO	
Nominal Voltage [V]	51.2
Operating Voltage Range [V]	45~58
Battery Type	Lithium Iron Phosphate
Communication Port	CAN+RS485/ USB(WIFI)
Working Temperature [°C]	0 to 53 (charge); -20 to 53 (discharge)
Storage Temperature [°C]	-20 to 50 (3 months); 10 to 40 (1 year)
IP rating of enclosure	IP20
Cooling type	Natural
Relative humidity	5%~95% (Non-condensing)
Altitude [M]	<3000
Warranty [years]	5
Cycle Life [90% DOD]	>6000
Certification	IEC62619, IEC62040, CE, UN38.3

①Test conditions: 90% DOD, 0.2C charger & discharger @+25 °C

Note: The battery system consists of 2 to 16 modules.