

NEW FROM SOLAX

# T-BAT-SYS-LV R36

3.6kWh~57.5kWh



## Features

- Safe LiFePO<sub>4</sub> 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

### Contact Us for More Informations

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# T-BAT-SYS-LV R36

## SYSTEM PARAMATERS

T-BAT LR3.6

T-BAT LR7.2

T-BAT LR10.8

T-BAT LR14.4

T-BAT LR18.0

T-BAT LR21.6

T-BAT LR25.2

T-BAT LR28.8

Number of Module Serie



1 modules



2 modules



3 modules



4 modules



5 modules



6 modules



7 modules



8 modules

Nominal Capacity [kWh]	3.6	7.3	11	14.7	18.4	22	25.7	29.4
Usable Capacity (90% DOD) <sup>Ⓞ</sup> [kWh]	3.3	6.6	9.9	13.2	16.5	19.8	23.1	26.4
Max. Output Current [A]	50	85	120	120	120	120	120	120
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 x W x 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]	32	64	96	128	160	192	224	264

T-BAT LR32.4

T-BAT LR36.0

T-BAT LR39.6

T-BAT LR43.2

T-BAT LR46.8

T-BAT LR50.4

T-BAT LR54.0

T-BAT LR57.6

Number of Module Serie



9 modules



10 modules



11 modules



12 modules



13 modules



14 modules



15 modules



16 modules

Nominal Capacity [kWh]	33.1	36.8	40.4	44.1	47.8	51.5	55.2	58.8
Usable Capacity (90% DOD) <sup>Ⓞ</sup> [kWh]	29.7	33	36.3	39.6	42.9	46.3	49.6	52.9
Max. Output Current [A]	120	120	120	120	120	120	120	120
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 x W x 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]	288	320	352	384	416	448	480	512

## GENERAL INFO

Nominal Voltage [V]	51.2
Operating Voltage Range [V]	45 to 58
Battery Type	Lithium Iron Phosphate
Communication Port	CAN + RS485
Operation Temperature [°C]	0 to 55 (charge); -20 to 55 (discharge)
Storage Temperature [°C]	+30 to +50 (6 months) ; -20 to +30 (12 months)
IP rating of enclosure	IP20
Cooling type	Natural
Relative humidity	5% to 95% (Non-condensing)
Altitude [m]	< 3000
Warranty [years]	5
Cycle Life [90% DOD]	> 6000
Certification	IEC62619, IEC62040, CE, UN38.3

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

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

V1.3 Information may be subject to modify without notice. 650.00036.00