

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

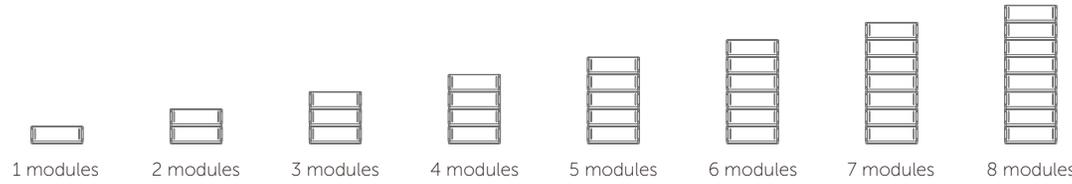
T-BAT LR18.0

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)<br>100 (15s) | 120 (60S)<br>200 (15S) | 150 (60S)<br>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

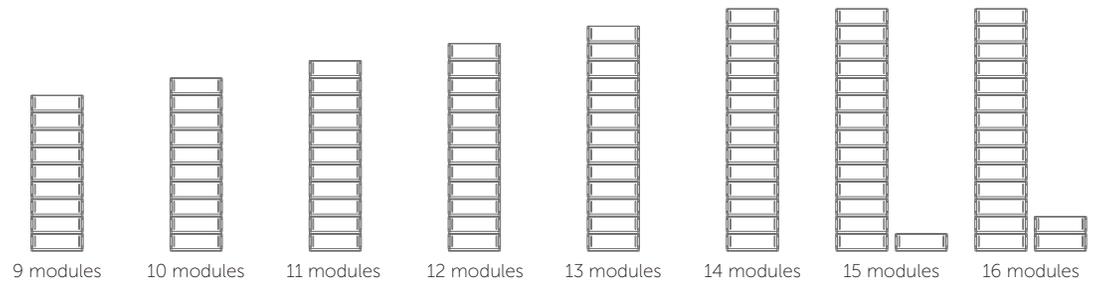
T-BAT LR46.8

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)<br>200 (15S)                | 150 (60S)<br>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 +<br>442 x 420 x 130 | 442 x 420 x 1820 +<br>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