

NEW FROM SOLAX

T-BAT-SYS-HV-R2.5

5.1kWh~33.2kWh

FEATURES

- Safe LiFePO₄ battery(50Ah)
- Stackable design with minima list style mounting racks (standard chassis)
- Long Cycle life > 6000 times
- Max.45A continuous charging and discharging current (inverter dependent)
- Easy and Fast for single person installation
- Extendable form 5kWh to 33kWh per stack
- Remote monitoring and upgrade
- Local data analysis via APP

For More Informations Contact Us

info@solaxpower.com
service@solaxpower.com



www.solaxpower.com
AU: +61 1300 476529
DE: +49 6142 4091664

Global: +86 571-56260008
UK: +44 2476 586998
NL: +31 (0) 852 737932



T-BAT-SYS-HV-R2.5

System Parameters

Voltage Range[V]	89.6-759.2
Recommend Charge/Discharge Current [A]	30
Max. Charge/Discharge Current [A]	45
Available Charge/Discharge Temperature Range [°C]	Charge:0~50 Discharge:-20~50
Warranty [Years]	10
Cycle Life [Cycles]	>6000
System capacity[Batteries]	2-13
Communication Interface	RS485, CAN
Protection Class	IP20
Cabinet Size(LxWxH) [mm](L-rail is required)	600x600x1166(22U) 1BMS+6Battery Modules 600x600x2055(42U) 1BMS+13Battery Modules

Battery Module

Model	TP-HR25
Specification [Ah]	50
Nominal Voltage [V]	51.2
Operating Voltage [V]	44.8-58.4
Battery Type	Li-ion (LFP)
Total Energy [kWh]	2.56
Usable Energy [1] [kWh]	2.3
Faradic Charge Efficiency [%]	99
Battery Roundtrip Efficiency [%]	95
Nominal Power [kW]	1.2
Dimensions(LxWxH) [mm]	442x391x130
Weight [kg]	28

BMS

Model	TBMS-MCR0800
Dimensions(LxWxH) [mm]	442x391x130
Weight [kg]	8

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

* The number of batteries that can be connected in series in a single string depends on the battery side voltage of the inverter, and the battery voltage needs to be calculated according to the maximum voltage of a single battery.