



TP-LD53

Product Datasheet

IP65 Protection | 100Ah | 5.3kWh

Manufactured by SolaX Power

T-BAT-SYS-LV D53

System Parameters

	T-BAT LD53
Number of Module Series	1
Nominal Capacity [kWh]	5.3
Usable Capacity (90% DOD) ^① [kWh]	4.7
Max. Output Current [A] ^②	100
Peak Discharge Current [A, s]	200, 10

General Information

Weight [kg]	48.5
Dimension (L x W x H) [mm]	645 x 150 x 430
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 53 (charge) ; -20 to 53 (discharge)
Storage Temperature [°C]	30 to 50 (6 months) ; -20 to 30 (12 months)
Ingress Protection	IP65
Colling concept	Natural
Relative humidity [%]	5 to 95 (Non-condensing)
Altitude [m]	<3000
Warranty [years]	5
Cycle Life ^③ [90% DOD]	> 6000
Certification	IEC62619, IEC62040, CE, UN38.3

① Test conditions: 90% DOD, 0.2C charge & discharge @+25 °C

② Current is affected by the number of batteries connected in parallel as well as temperature and SOC

③ 25°C ± 2°C, 0.5C / 0.5C, 70 % EOL > 6000

*V1.1 Information may be subject to modify without notice. 650.00057.00