

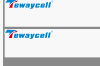








TW-SK-LV BatterySystem

- Flexible capacity options, 5.12kWh to 51.2kWh
- Excellent safety of cobalt free LiFePO₄ battery
- Easy installation with modular and stacked design
- Remote firmware upgrade



Tewaycell[®]

www.tewaycell.com

Datasheet	TW-SK-LV10.24	TW-SK-LV15.4	TW-SK-LV20.5	TW-SK-LV25.6	TW-SK-LV30.7	TW-SK-LV35.8	TW-SK-LV41.0	TW-SK-LV46.1	TW-SK-LV51.2
System Demo									
Battery Module TW-SK-LV5.12-A1 (5.12kWh, 51.2V, kg)									
Number of Modules in Series	2	3	4	5	6	7	8	9	10
Energy Capacity	10.2kWh	15.4kWh	20.5kWh	25.6kWh	30.7kWh	35.8kWh	41.0kWh	46.1kWh	51.2kWh
Usable Capacity	9.2kWh	13.8kWh	18.4kWh	23.0kWh	27.6kWh	32.2kWh	36.9kWh	41.0kWh	46.0kWh
Max. Charge/Discharge Current	100A	100A	100A	100A	100A	100A	100A	100A	100A
Dimension (W/D/H)	600/450/400mm	600/450/565mm	600/450/730mm	600/450/895mm	600/450/1060mm	600/450/1225mm	600/450/1390mm	600/450/1555mm	600/450/1720mm
Weight	103.6kg	153.6kg	207.2kg	259kg	310.8kg	362.6kg	414.4kg	466.2kg	518kg
Nominal voltage	51.2V								
Operating voltage range	47.2V-57.6V								
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)								
IP Protection	Ip55								
Installation	Wall-mounted or Floor installation								
Operation Temperature	-10 °C ...~50 ° C								
Relative humidity	10%~90%								
Cooling	Natural								
Warranty	3 years								
Features									
BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature								
Communication Port	CAN/RS485/BMS Bluetooth								
Certification & Licensing									

*1 Floor installation requires extra base (W*D*H=650/450/165mm)

*2 Battery discharge: -10 ° C~ 50 ° C, battery charge: 0 ° C~ 50 ° C