



LITHIUM-ION STORAGE SYSTEM HIGH VOLTAGE SERIES



DATASHEET

High Voltage Series

Room 702-704, 7/F Texwood Plaza, No.6 How Ming Street,
Kwun Tong, Kowloon, Hong Kong.

Tel: +852 2884 4318 Fax: +8522884 4816

www.sunsynk.com / sales@sunsynk.com

v.7 (06/06/23)



**PLEASE RETAIN FOR
FUTURE REFERENCE**

Technical Data

Performance	
Battery System Power (kWh)	61.44
Charge/Discharge Rate (Max)	1C
Max Charge / Discharge Current (A)	100
Module Capacity (Ah)	100
Operating Voltage (V)	538~691
Operating Temperature Range	Charge: 0~55 °C / Discharge: -20~55 °C
General Specification	
Battery Cell Chemistry	Lithium Ferro-Phosphate (LiFePO ₄ or LFP)
Dimension (W×D×H mm)	13th level: 589×590×2240
Total Weight (12 Battery Modules, 1 Rack) (kg)	628
Weight of Each Battery Module / Battery Rack (kg)	44 - 85
Operating Altitude	≤2000m
Relative Humidity Range	5%~85% (RH)
Warranty Period	10 years
Enclosure IP Rating	IP20
Certifications	EN/IEC 61000-6, IEC62619, UN38.3