

Zineric F1 Energy Storage

5,12 kWh HV Stack Tower



IP65 protection level



LCD touch panel



Auto-protection against overvoltage, current, temperature



Automatic identification of modules



Long warranty: 10 years (up to 6000 cycles)



Scalable structure (up to 30,72 kWh)



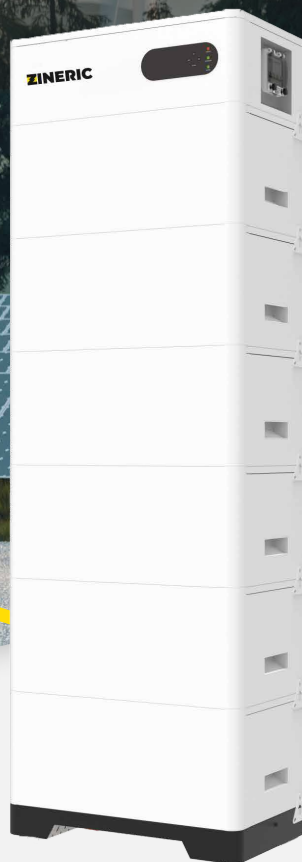
Aerosol fire extinguishing system



Modern design



ZINERIC



Work with:

SUNGROW

GOODWE



Deye

hoymiles

SMA

SGFAR

Solplanet

ModelZineric F1 5,12 kWh HV Stack Tower

Battery type	LiFeP04					
Module energy	5,2 kWh					
Module nominal voltage	102,4 V					
Module capacity	50 Ah					
Number of battery modules	1	2	3	4	5	6
System energy	5,12 kWh	10,24 kWh	15,36 kWh	20,48 kWh	25,6 kWh	30,72 kWh
Nominal system voltage	102,4 V	204,8 V	307,2 V	409,6 V	512 V	614,4 V
System operating voltage	96-115,2 V	192-230,4 V	288-345,6 V	384-460,8 V	480-576 V	576-691,2 V
Recommended charge/discharge current	25A					
Max continuous charge/discharge current	50A					
Peak charge/discharge current (15S)	60A					
Depth of discharge (DOD)	>95%					
Display type	LED+LCD (touch)					
Protection level	IP65					
Operating temperature range	Charging :0~ + 55°C / Discharging: -20°C~ + 55°C					
Storage temperature range	0°C~+35°C					
Humidity	5%~95%					
Height	<2000 m					
Life Cycle	> 6000 cycles					
Installation	Multi-storey installation / floor installation					
Security	Built-in intelligent BMS system, circuit breaker					
Communication port	RS485/CAN					
Warranty period	10 years					
Weight of the control module	24,5 kg					
Control module dimensions	600 x 385 x 200 mm					
Battery module weight	57,5 kg					
Battery module dimensions	600 x 385 x 260 mm					

