



Smart Solar Systems GmbH

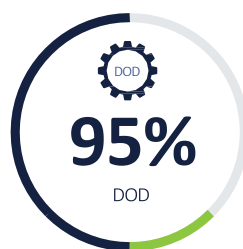
Wärmepumpen, Solar & Elektrik



HVES C&I Series

SMART ENERGY
SUSTAINABLE SOLUTIONS

9.4 kWh High Voltage Battery



Leading Technology

- Best Blade LFP battery and CTP technology
- Optimized compact modular design enables higher flexibility in installation and operation
- Touchable display for a better humancomputer interaction experience

Topnotch Performance

- 100A rapid charge and discharge ability
- Higher DOD (95%) for more usable energy
- Advanced smart BMS and EMS

Ultra Safety & Reliability

- Aerosol fireprotection system for the best safety
- Equipped with explosionproof valves to improve system safety and extend battery life
- Easier set up and operation

Smart Management

- 24/7 realtime monitoring & remote diagnosis or upgrade
- Service for predicting and solving problems online faster and in time
- Remote Energy Management



HVES C&I Series

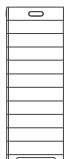
Model	CESS HV 9.4K					
Cell Type	Blade LFP					
Module Energy	9.4kWh					
Module Weight	72Kg					
Number of Modules	3	4	5	6	7	8
System Structure						
Nominal Energy (kWh)	28.2	37.6	47.0	56.4	65.8	75.2
Nominal Voltage (V)	153.6	204.8	256.0	307.2	358.4	409.6
Operating Voltage Range (V)	144 172.8	192 230.4	240 288	288 345.6	336 403.2	384 460.8
Dimension(W*D*H) (mm)	780*432*720	780*432*880	780*432*1040	780*432*1200	780*432*1360	780*432*1520
Weight (Kg)	239.80	311.80	383.80	455.80	527.80	599.80
Charging Temperature	From 0 to 50°C					
Discharging Temperature	From 20 to 60°C					
Depth of Discharge	95% DOD					
Nominal Charge/Discharge Current	100A					
Max. Charge/Discharge Current	100A					
Cycle Life	>6000, 25°C					
Ingress Protection Degree	IP65					
Cooling Type	Natural convection					
Humidity	5%~95%					
Altitude	<2000					
Warranty	10 years					
Communication	CAN/RS485/WIFI/Bluetooth					
Battery Safety	IEC 62619/CE					
Transportation Certification	UN38.3					





HVES C&I Series

Model	CESSHV9.4K			
-------	------------	--	--	--

Cell Type	Blade LFP			
Module Energy	9.4kWh			
Module Weight	72Kg			
Number of Modules	9	10	11	12
System Structure				
Nominal Energy (kWh)	84.6	94.0	103.4	112.8
Nominal Voltage (V)	460.8	512.0	563.2	614.4
Operating Voltage Range (V)	432-518.4	480-576	528-633.6	576-691.2
Dimension(W*D*H) (mm)	780*432*1680	780*432*1840	780*432*2000	780*432*2160
Weight (Kg)	671.80	743.80	815.80	887.80
Charging Temperature	From 0 to 50°C			
Discharging Temperature	From 20 to 60°C			
Depth of Discharge	95% DOD			
Nominal Charge/Discharge Current	100A			
Max. Charge/Discharge Current	100A			
Cycle Life	>6000, 25°C			
Ingress Protection Degree	IP65			
Cooling Type	Natural convection			
Humidity	5%~95%			
Altitude	<2000			
Warranty	10 years			
Communication	CAN/RS485/WIFI/Bluetooth			
Battery Safety	IEC 62619/CE			

