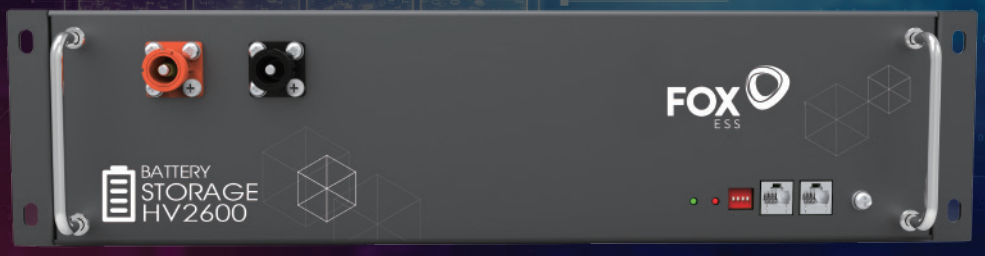
DATASHEET
Battery Module
HV2600

Fox ESS **HV2600**
BATTERY MODULE

HIGH VOLTAGE **BATTERIES** FROM Fox ESS



The HV2600 is a high-performance, scalable battery storage module. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

Additional batteries can be installed in series, allowing for a maximum storage capacity of 20.48kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



- 2.56kWh Capacity
- Scalable to 20.48 kWh
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- CAN/RS485 Communication
- High Voltage

High Voltage | **Easy Installation** | **High Efficiency** | **Expandable System** | **90% DoD**

Fox ESS **HV2600**
BATTERY MODULE

Model	HS5.2	HS7.8	HS10.4	HS13	HS15.6	HS18.2	HS20.8
Battery Type	LiFePO4 Prismatic Cell						
Battery Module	1*BMS BOX HV 2*HV2600	1*BMS BOX HV 3*HV2600	1*BMS BOX HV 4*HV2600	1*BMS BOX HV 5*HV2600	1*BMS BOX HV 6*HV2600	1*BMS BOX HV 7*HV2600	1*BMS BOX HV 8*HV2600
Nominal Capacity [Wh]	5120	7680	10240	12800	15360	17920	20480
Nominal Voltage [V]	102.4	153.6	204.8	256	307.2	358.4	409.6
Operating Voltage [V]	80 ~ 116.8	120 ~ 175.2	160 ~ 233.6	200 ~ 292	240 ~ 350.4	280 ~ 408.8	320 ~ 467.2
Recommend Discharge Current [A]	25						
Max.Charge/Discharge Current [A]	50						
Peak Discharge Current [A]	65 @30sec						
Battery Pack Round-Trip Efficiency [%]	>95						
Depth of discharge [%]	90						
Cycle Life[*1]	≥6000						
Communication	CAN, RS485						
Display	HV2600: LED*2, BMS BOX HV: LED*6						
Scalability	Max. 8 Modules in Series						
Installation Location	Indoor (Stand)						
Operating Temperature [°C][*2]	Charge: 0 ~ 50 Discharge: -10 ~ 50						
Storage Temperature [°C]	-20 ~ 50						
Cooling method	Natural Convection						
Humidity [%]	5 ~ 85 (No Condensing)						
Altitude [m]	Max. 2,000						
Dimensions (W*H*D) [mm] [BMS BOX HV]	420*116*480						
Weight [kg] [BMS BOX HV]	4.5						
Dimensions (W*H*D) [mm] [HV2600][*3]	420*116*480						
Weight [kg] [HV2600][*3]	29.7±1						
Safety	IEC 62619						
EMC	EN IEC 61000-6-1/2/3/4						
Transportation	UN38.3						
Ingress Protection	IP21						

*1, 25°C, @90% DOD, 0.5C charging/discharging.
*2, Charge derating will occur between 0°C and +15°C.
*3, Bare weight and dimensions for 1 pcs HV2600, excluding cables and brackets.

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