avocado

IP66 RATED | EPS FUNCTION | -20°C ~ 55°C | 95% DOD



Powered by Fox ESS

DATASHEET

ET10

HIGH VOLTAGE STORAGE BATTERY

- Scalable to 40.96kWh
- 95% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- High Voltage and High Efficiency

ET10

A high-performance, scalable battery storage system, allows for maximum flexibility, making it suitable for a broad range of storage applications.

Additional batteries can be installed in parallel allowing for a maximum storage capacity of 40.96kWh.

For more information about the Fox ESS range, visit:
www.fox-ess.com

TECHNICAL SPECIFICATIONS

SYSTEM NAME	ET10
ELECTRICAL CHARACTERISTICS	
Battery Type	LFP ($LiFePO_4$)
Nominal Energy [kWh]	10.24
Nominal Voltage [V]	204.8
Operating Voltage [V]	185.6 ~ 233.6
Max.Charge/Discharge Current [A]*1	50
Recommend Charge Current [A]	25
Peak Discharge Current [A]	65 @60S
Battery Pack Round-Trip Efficiency [%]*2	≥95
Depth of Discharge [%]	95
Communication	CAN
Display	LED*5
Scalability	Max. 4 Units in Parallel
OPERATING CONDITIONS	
Installation Location	Outdoor/ Indoor
Operating Temperature [°C]	-20 ~ 55
Operating Temperature [°C] (warm up function on, optional)	-25 ~ 55
Storage Temperature [°C]	0 ~ 35
Cooling Method	Natural Convection
Humidity [%]	5 ~ 95 (No Condensation)
Altitude [m]	Max. 4,000
PROTECTION	
Fire Protection Function	YES
MECHANICAL CHARACTERISTICS	
Dimensions (W*H*D) [mm]*3	625*770*160
Weight [kg]	91.2
CERTIFICATES	
Safety	IEC62619
EMC	EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019, EN IEC 61000-6-3:2021, IEC 62920:2017
Transportation	UN38.3
Ingress Protection	IP66
Protective Class	Class I

*1, The current is affected by temperature, cell voltage and SOC.
*2, @25°C, 0.2C charging/discharging.
*3, Dimensions exclude glass panel.