

HIGH VOLTAGE STORAGE BATTERY
From Fox ESS



The EP3 is 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 13.2 kwh.

- Scalable to 13.2 kWh
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency









Easy Installation



High Efficiency



Expandable System











HIGH VOLTAGE STORAGE BATTERY

SYSTEM NAME	EP3
ELECTRICAL CHARACTERISTICS	
Compatible PCS	All Series of H1, KH, H3, H3-Pro, US
Battery Type	LifePO4 Prismatic Cell
Usable Energy [kWh]	3.3
Nominal Voltage [V]	192
Operating Voltage [V]	174 ~ 219
Max.Charge/Discharge Current [A]*1	27
Recommend Charge Current [A]	13.5
Peak Discharge Current [A]	65 @60s
Peak Charge Current [A]	32.4 @5s
Battery Pack Round-Trip Efficiency [%]	≥95
Cycle Life	≥4000
Communication	CAN
Display	LED*5
Scalability	Max. 4 Units in Parallel
OPERATING CONDITIONS	
Installation Location	Outdoor/Indoor
Operating Temperature [°C]	Charge: 0 ~ 55 Discharge: -10 ~ 55
Storage Temperature [°C]	0 ~ 35
Cooling Method	Natural Convection
Humidity [%]	5 ~ 95 (No Condensing)
Altitude [m]	Max. 2,000
MECHANICAL CHARACTERISTICS	
Dimensions (W*H*D) [mm]	380*625*147
Weight [kg]	50.5±2
CERTIFICATES	
Safety	IEC62619
EMC	EN IEC 61000-6-1/3
Transportation	UN38.3
Ingress Protection	IP65

^{*1,} The current is affected by temperature, cell voltage and SOC.



HIGH VOLTAGE STORAGE BATTERY
From Fox ESS



The EP5 is 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 20.8kwh.

- Scalable to 20.8 kWh
- 90% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency









Easy Installation



High Efficiency



Expandable System



90% DoD











HIGH VOLTAGE STORAGE BATTERY

ELECTRICAL CHARACTERISTICS Compatible PCS All Series of HI, KH, H3, H3-Pro, US Bottery Type LifePO4 Prismatic Cell Nominal Feergy [kWh] 5.18 Nominal Voltage [V] 192 Operating Voltage [V] 174 - 219 Max. Charge/Discharge Current [A]* 27 Recommend Charge Current [A] 13.5 Peak Discharge Current [A] 65 @0s Peak Charge Current [A] 32.4 @5s Bottlery Pock Round-Trip Efficiency [%] 495 Depth of Discharge [%] 90 Cycle Life 24000 Communication CAN Display LED+5 Scalability Max 4 units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [*C] Discharge: 10-55 Storage Temperature [*C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 - 95 (No condensing) Altitude [m] Mox 2,000 MICHANICAL CHARACTERISTICS Union (Charge Colon) Dimens	SYSTEM NAME	EP5
Battery Type LifePO4 Prismatic Cell Nominal Energy [kWh] 5.18 Nominal Voltage [v] 192 Operating Voltage [v] 174 - 219 Max Charge/Discharge Current [A]* 27 Recommend Charge Current [A] 13.5 Peach Discharge Current [A] 65 @60s Peak Charge Current [A] 324 @5s Battery Pack Round-Trip Efficiency [%] 95 Depth of Discharge [%] 90 Cycle Life ≥4000 Communication CAN Display LED*5 Scalability Max 4 Units in Parallel OPERATING CONDITIONS Units and Location Operating Temperature [°C] Outdoor/ Indoor Operating Temperature [°C] 0 - 35 Storage Temperature [°C] 0 - 35 Cooling Method Natural Convection Humidity [%] 5 - 95 (No Condensing) Altitude [m] Max 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mn] 380*625*147 Wieght [kg] 505±2	ELECTRICAL CHARACTERISTICS	
Nominal Energy [kWh] 5.18 Nominal Voltage [V] 192 Operating Voltage [V] 174 - 219 Max Charge (Discharge Current [A]*1 27 Recommend Charge Current [A] 13.5 Peak Discharge Current [A] 65 @60s Peak Charge Current [A] 32.4 @5s Battery Pack Round* Trip Efficiency [%] 395 Depth of Discharge [%] 90 Cycle Life 4000 Communication CAN Display LED*5 Scalability Max 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [*C] Charge: 0 - 55 Storage Temperature [*C] 0 - 35 Cooling Method Natural Convection Hurricitty [%] 5 - 96 (No Condensing) Altitude [m] Max 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380°625*47 Weight [kg] 50542 CERTIFICATES Safety EC62819 EMC	Compatible PCS	All Series of H1, KH, H3, H3-Pro, US
Nominal Voltage [V] 192 Operating Voltage [V] 174 - 219 Max.Charge/Discharge Current [A] ¹¹ 27 Recommend Charge Current [A] 13.5 Peak Discharge Current [A] 65 @80s Peak Charge Current [A] 32.4 @5s Battery Pack Round-Trip Efficiency [%] 295 Depth of Discharge [%] 90 Cycle Life ×4000 Communication CAN Display LED*5 Scalability Max 4 Units in Parallel Deptaction Condition Operating Temperature [°C] Charge: 0 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max 2,000 MECHANICAL CHARACTERISTICS Dimensions (W+H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Storage EN EC 61000~6~1/3 Fixed EN IEC 61000~6~1/3 Transportation UN38.3	Battery Type	LifePO4 Prismatic Cell
Operating Voltage [V] 174 - 219 MaxCharge/Discharge Current [A]*** 27 Recommend Charge Current [A] 13.5 Peak Discharge Current [A] 65 @60s Peak Charge Current [A] 32.4 @5s Battery Pack Round-Trip Efficiency [%] 90 Cycle Life 24000 Communication CAN Display LED*5 Scalability Max 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Outdoor/ Indoor Storage Temperature [°C] 0 - 35 Cooling Method Natural Convection Humidity [%] 5 - 95 (No Condensing) Altitude [m] Max 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 5.05±2 CRIFICATES EMC EN IEC 61000 - 6-1/3 Find EN IEC 61000 - 6-1/3 Tonsportation UN38.3	Nominal Energy [kWh]	5.18
Max.Charge/Discharge Current [A]** 27 Recommend Charge Current [A] 13.5 Peak Discharge Current [A] 65 @60s Peak Charge Current [A] 32.4 @5s Battery Pack Round-Trip Efficiency [%] 295 Depth of Discharge [%] 90 Cycle Life 24000 Communication CAN Display LED*5 Scalability Max. 4 Units in Parallel OPERATINE CONDITIONS Installiation Location Outdoor/ Indoor Operating Temperature [°C] Discharge: -10 - 55 Storage Temperature [°C] 0 - 35 Cooling Method Natural Convection Humidity [%] 5 - 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 505±2 CERTIFICATES EMC EN IEC 61000 - 6-1/3 EMC EN IEC 61000 - 6-1/3 Tonsportation UN38.3	Nominal Voltage [V]	192
Recommend Charge Current [A] 13.5 Peak Discharge Current [A] 65 @60s Peak Charge Current [A] 32.4 @5s Battery Pack Round-Trip Efficiency [%] 295 Depth of Discharge [%] 90 Cycle Life 24000 Communication CAN Display LED*5 Scalability Max. 4 Units in Parallel CPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [*C] Charge: 0 - 55 Storage Temperature [*C] 0 - 35 Cooling Method Natural Convection Humidity [%] 5 - 95 (No Condensing) Altitude [m] Max. 2,000 MCCHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 505±2 CERTIFICATES EMC EN IEC 61000 - 6-1/3 EMC EN IEC 61000 - 6-1/3 Transportation UN38.3	Operating Voltage [V]	174 ~ 219
Peak Discharge Current [A] 65 @60s Peak Charge Current [A] 32.4 @5s Battery Pack Round-Trip Efficiency [%] .995 Depth of Discharge [%] 90 Cycle Life .4000 Communication CAN Display LED*5 Scalability Max 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] 0 ~ 35 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CRTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Max.Charge/Discharge Current [A]*1	27
Peak Charge Current [A] 32.4 @5s Battery Pack Round-Trip Efficiency [%] 295 Depth of Discharge [%] 90 Cycle Life 24000 Communication CAN Display LED*5 Scalability Max. 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Discharge: 10 ~ 55 Discharge: 10 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Sefety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Recommend Charge Current [A]	13.5
Battery Pack Round-Trip Efficiency [%] ≥95 Depth of Discharge [%] 90 Cycle Life ≥4000 Communication CAN Display LED*5 Scalability Max 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Discharge: ~10 ~ 55 Storage Temperature [°C] Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 5.05±2 CETIFICATES Safety IEC62619 EMC EN IEC 6100−6−1/3 Tonsportation UN38.3	Peak Discharge Current [A]	65 @60s
Depth of Discharge [%] 90 Cycle Life ±4000 Communication CAN Display LED*5 Scalability Max. 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES EC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Peak Charge Current [A]	32.4 @5s
Cycle Life \$4000 Communication CAN Display LED*5 Scalability Max. 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 505±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Battery Pack Round-Trip Efficiency [%]	≥95
Communication CAN Display LED*5 Scalability Max. 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS University Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 505±2 CERTIFICATES EC62619 EMC EN IEC 61000-6-1/3 Tansportation UN38.3	Depth of Discharge [%]	90
Display LED*5 Scalability Max. 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Cycle Life	≥4000
Scalability Max. 4 Units in Parallel OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Discharge: -10	Communication	CAN
OPERATING CONDITIONS Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Discharge: -10 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Display	LED*5
Installation Location Outdoor/ Indoor Operating Temperature [°C] Charge: 0 ~ 55 Discharge: ~10 ~ 55 Discharge: ~10 ~ 55 Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Scalability	Max. 4 Units in Parallel
Operating Temperature [°C]Charge: 0 ~ 55 Discharge: -10 ~ 55 Discharge: -10 ~ 55 Discharge: -10 ~ 55Storage Temperature [°C]0 ~ 35Cooling MethodNatural ConvectionHumidity [%]5 ~ 95 (No Condensing)Altitude [m]Max. 2,000MECHANICAL CHARACTERISTICSDimensions (W*H*D) [mm]380*625*147Weight [kg]50.5±2CERTIFICATESSafetyIEC62619EMCEN IEC 61000-6-1/3TransportationUN38.3	OPERATING CONDITIONS	
Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS 380*625*147 Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Installation Location	
Storage Temperature [°C] 0 ~ 35 Cooling Method Natural Convection Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Operating Temperature [°C]	Charge: 0 ~ 55 Discharge: -10 ~ 55
Humidity [%] 5 ~ 95 (No Condensing) Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Storage Temperature [°C]	0 ~ 35
Altitude [m] Max. 2,000 MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Cooling Method	Natural Convection
MECHANICAL CHARACTERISTICS Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Humidity [%]	5 ~ 95 (No Condensing)
Dimensions (W*H*D) [mm] 380*625*147 Weight [kg] 50.5±2 CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Altitude [m]	Max. 2,000
Weight [kg] 50.5±2 CERTIFICATES IEC62619 Safety EN IEC 61000-6-1/3 Transportation UN38.3	MECHANICAL CHARACTERISTICS	
CERTIFICATES Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Dimensions (W*H*D) [mm]	380*625*147
Safety IEC62619 EMC EN IEC 61000-6-1/3 Transportation UN38.3	Weight [kg]	50.5±2
EMC EN IEC 61000-6-1/3 Transportation UN38.3	CERTIFICATES	
Transportation UN38.3	Safety	IEC62619
	EMC	EN IEC 61000-6-1/3
Ingress Protection IP65	Transportation	UN38.3
	Ingress Protection	IP65

^{*1,} The current is affected by temperature, cell voltage and SOC.





The EP11 is 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 41.6kwh.

- Scalable to 41.6 kWh
- 90% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency









Safety Reliable



Easy Installation



High Efficiency



Expandable System



90% DoD











HIGH VOLTAGE STORAGE BATTERY

SYSTEM NAME	EP11
ELECTRICAL CHARACTERISTICS	
Compatible PCS	All Series of H1, KH, H3, H3-Pro, US
Battery Type	LifePO4 Prismatic Cell
Nominal Energy [kWh]	10.36
Nominal Voltage [V]	384
Operating Voltage [V]	348 ~ 438
Max.Charge/Discharge Current [A]*1	27
Recommend Charge Current [A]	13.5
Peak Discharge Current [A]	65 @60s
Peak Charge Current [A]	32.4 @5s
Battery Pack Round-Trip Efficiency [%]	≥95
Depth of Discharge [%]	90
Cycle Life	≥4000
Communication	CAN
Display	LED*5
Scalability	Max. 4 Units in Parallel
OPERATING CONDITIONS	
Installation Location	Outdoor/ Indoor
Operating Temperature [°C]	Charge: 0 ~ 55 Discharge: -10 ~ 55
Storage Temperature [°C]	0 ~ 35
Cooling Method	Natural Convection
Humidity [%]	5 ~ 95 (No Condensing)
Altitude [m]	Max. 2,000
MECHANICAL CHARACTERISTICS	
Dimensions (W*H*D) [mm]	710*625*147
Weight [kg]	99±2
CERTIFICATES	
Safety	IEC62619
EMC	EN IEC 61000-6-1/3
Transportation	UN38.3
Ingress Protection	IP65

^{*1,} The current is affected by temperature, cell voltage and SOC.