



# HV-Junction Box

4-way Battery



- Supports up to 4-way battery parallel connection.
- Scalable up to 46.08kWh.



EASY INSTALLATION



IP65 RATED



HIGH PERFORMANCE



HIGH VOLTAGE



For more information about the Fox ESS range, visit:  
[www.fox-ess.com](http://www.fox-ess.com)



## TECHNICAL SPECIFICATIONS

MODEL	HV-Junction Box-50
Compatible PCS	K, H1(G2), H3, H3 SMART, H3 PRO, US Series
Compatible Battery	EP5/EP6, EP11/EP12, EK5/EK6, EK11/EK12
Nominal Voltage [V]	500
Max. Continuous Current [A]	50
Peak Current [A]	65 @60S
Storage Temperature [°C]	-20 ~ 55
Operating Temperature [°C]	-20 ~ 70
Optimum Operating Temperature [°C]	15 ~ 30
Humidity [%]	5 ~ 95 (No condensing)
Dimensions (W*H*D) [mm]	223*246*89
Weight [kg]	2.6
System Parallel Description	Supports 4 battery inputs and 1 load output
Cooling Method	Natural cooling
Installation Location	Indoor, Outdoor
Installation Method	Wall-mounted
Altitude [m]	≤2000
Ingress Protection	IP65
Environmental Requirements	ROHS, REACH

