



HV JUNCTION BOX

- **Supports Up to 4 EP-Batteries in Parallel:** Expand your energy storage system by connecting up to four EP-Batteries in parallel.
- **Scalable Up to 44kWh:** Customize your energy storage solution to meet your needs, scalable up to 44kWh for larger capacities.
- **Easy Installation:** Designed for quick and simple setup, reducing installation time and costs.
- **IP65 Protection Level:** Robust construction with IP65-rated protection.



Model	STAR HV-Junction Box-50
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]	2.2
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	IP65
Environmental Requirements	ROHS, REACH

