

Energy + Home Automation

# KOPP Katana



## Product features

- ✓ 2.9 kWh capacity
- ✓ Scalable to 20.3 kWh
- ✓ 98% charge/discharge efficiency
- ✓ 90% depth of discharge
- ✓ Wide temperature tolerance
- ✓ Easy installation
- ✓ CAN/RS485 communication
- ✓ High voltage

Clever sein.  
Kopp einschalten.

**KOPP**

Product		
Article number:	KOPP.Katana-2.9 Base: 430300019	KOPP.Katana-2.9 Batt: 430302918
Product description:	Kopp Katana 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.	
EAN-Code:	KOPP.Katana-2.9 Base: 4008224675222	KOPP.Katana-2.9 Batt: 4008224675239

Spezifikationen				
Battery Number:	1 × M2900 3 × S2900	1 × M2900 4 × S2900	1 × M2900 5 × S2900	1 × M2900 6 × S2900
Normal Voltage (V):	230.4	288	345.6	403.2
Normal Capacity (Ah):	50	50	50	50
Battery Voltage Range (V):	180–262.8	225–328.5	270–394.2	315–459.9
Max. Charge / Discharge Current (A):	50			
Standart charging current (A):	25			
Peak Charge Current (30s) (A):	65 A at 30 sec			
Cycle life:	≥6000 at 25°C (77°F) at 90% DOD			
Protection Level:	IP65			
Battery Pack Round-Trip:	>95%			
Depth of discharge:	90%			
Communication:	CAN, RS485			
Display:	LED*1, CM: LED*7			
Scalability:	Max. 7 modules in series			
Batteries Type:	LiFePO4 Prismatic Cell			

Operating conditions	
Installation Location:	Outdoor/ Indoor
Operating Temperature (°C/°F):	0 – 50°C / -4 – 122°F
Storage Temperature (°C/°F):	-20 – 50°C / -4 – 122°F
Altitude:	Max. 2,000
Cooling method:	Natural convection
Humidity	0% to 100% (No Condensing)

Mechanical Characteristics				
Weight (kg/ibs):	135 ± 1 297.6 ± 2.2	168 ± 1 370.4 ± 2.2	201 ± 1 443.1 ± 2.2	234 ± 1 515.9 ± 2.2
Dimensions (LxWxH)(mm):	Master 570 x 380 x 170 Slave 570 x 380 x 357	Master 570 x 380 x 170 Slave 570 x 380 x 476	Master 570 x 380 x 170 Slave 570 x 380 x 595	Master 570 x 380 x 170 Slave 570 x 380 x 714

Certificates	
Safety:	IEC 626179
EMC:	EN IEC 61000-6-1/2/3/4
Transportation:	UN38.3
Ingress Protection:	IP65

