



**MIKO ENERGY**



## **GROUND**

Battery Storage System  
Low Voltage

**10.49 kWh**



## TECHNICAL SPECS

MODEL	PowerCool-WLL010A1	PowerCool-WLL010B1	PowerCool-WLL010D1
Total Energy*		10.49kWh	
Usable Energy(DC)*		9.97kWh	
Voltage		44.8~57.6Vdc	
Nominal Voltage		51.2Vdc	
Rated Capacity		205Ah	
Max. Charge Voltage		57.6Vdc	
Nominal Discharging Current		100A(1P) /160A(2P~6P)	
Nominal Charging Current		100A(1P) /160A(2P~6P)	
Weight		87kg	
Dimension(mm)(H*L *W)	740*430*232mm	670*430*230mm	670*430*232mm
Max.recommended DOD		95%	
Operating Condition		Indoor	Indoor/Outdoor
Operating Temperature	Charge	0~52°C	
	Discharge	-15~52°C	
Standard Ambient Temperature Range		0~40°C	
Storage Temperature Range		>1 month 0~35°C / ≤1 month -20~45°C	
Humidity		5% ~ 85%(RH)(No Condensation)	
Over Voltage Category		II	
Cooling Type		Natural cooling	
Case Material		Metal	
Installation		floor-standing	
IP Rating	IP 20	IP 20	IP66
Heating Film (Optional)	/	130W	130W
Screen (Optional)	/	LED	
Protective Class		I	
Max. Connection Number		6P	
Communication	CAN / RS485 / Wifi	CAN / RS485 / Wifi	CAN / RS485 / Wifi
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over-temperature		
Certificates	CE,UN38.3,MSDS		
Warranty	10years		

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from PowerCool-WLL010B1 0.2C CC-CV

- Large Capacity
- Built-in BMS Protection
- Reliable Backup Power
- Reliable Operation
- Optimal Management

