IP21 SERIES

Infini SOLAR

RESIDENTIAL ENERGY STORAGE LIFEPO4 BATTERY

51.2V | 5/10KWH



- **Security**
- **Capacity Expandable**
- **Professional Energy Storage Technology**
- **BMS**
- **Maintenance-Free**

INFINIX WALL-MOUNTED LITHIUM BATTERY SELECTION GUIDE

BATTERY MODEL		FSD-P05KWH-100AH	FSD-P10KWH-200AH
Nominal Voltage		51.2V	51.2V
Cell Model		16S1P	16S1P
Nominal Capacity		100A	100A
Nominal Energy		5KWh	10KWh
Maximum Charging Current		100A	200A
Maximum Discharge Current		100A	200A
Discharge Termination Voltage		42.4V	42.4V
Charging Voltage		58.4V	58.4V
Charge Over Current Protection		100A	200A
Discharge Over Current Protection		100A	200A
Energy Extension		Max.15 units in parallel	
Communication Function		RS232, RS485, CAN	RS232, RS485, CAN
Ingress Protection		IP20	IP20
BMS Features		High accuracy cell level voltage, current measuring Over-charge, over-discharge protection Short-circuit protection Self-learning intelligent SOC calculation Cell level active equalization Multiple communication type Parallel connect function	
Working Temperature		-20°C~+60°C	
Storage Temperature		0°C~+60°C	
Working Humidity		<9 5 %RH	
Single Battery Module	Dimensions(mm)(H*W*D)	600*390*190	800*490*190
	W eight(Kg)	50	102

* If the ambient temperature is too high or too low, performance will be limited.
* Under specific test conditions.