

Instructions

D5L

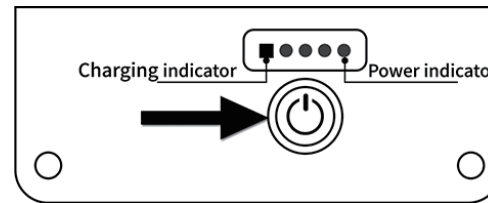


Thank you for purchasing our products!
 -To ensure safe use of this product, please read this instruction manual before use.
 -Please be sure to read the precautions for use before using this product to ensure safety.
 -Please keep this manual in a safe place for future reference during use.
 -If there is any problem with the product in normal use, please contact our customer service, we will be happy to serve you.

D5L Parameter				
Solar Panel	Material	Monocrystalline silicon		
	Solar Cell	IBC		
	Surface	Tempered glass		
	Conversion Rate	24.30%		
	Solar Watts	5W (full power)		
Batteries	Generation Voltage	6V		
	Battery Type	18650 lithium battery		
	Battery Quantity	2 batteries		
	Battery Capacity	Each 2600mAh		
	Battery Rate	1C		
	Storage Temperature	-5~35°C		
	Charging Temperature	0°C~45°C		
	Discharge Temperature	-20°C~65°C		
Output	Output Voltage	3.7V		
LoRa	LoRa Module	Heltec V3	Optional	
	LoRa Module	RAK 4631	Optional	
Input	Type C Charging	Charging Interface	Type C	
		Charging Voltage	5V/1A	
		Charging Indicator	NO	
		Overcharge Protection	4.25V	
		Over-discharge Protection	3.0V	
	Solar Charging	Charging Time	5-6 hours (from 3.0V-4.25)	
		Charging Indicator (square) Red	Type-C charging	
		Charging Indicator (square) Green	Battery is charging	
		Charging Indicator (square) Unlit	Battery fully charged	
		Charging Time	10-12hours (Sunlight intensity averages around 50,000 lux)	
Waterproof Rating	IP67			
Certificates	Patent/CE/FCC/Rohs			
Product Size	178x178x35mm			
Net Weight	No battery: 0.47kg, 2 pcs battery: 0.57kg			
Package Size	215x215x57mm			
Package Weight	No battery: 0.76kg, 2 pcs battery: 0.86kg			

Key function

- Press the Power Key, DC output power, the power indicator (round) lights up.
- Press the Power key again, DC stop output power, the power indicator (round) goes off.

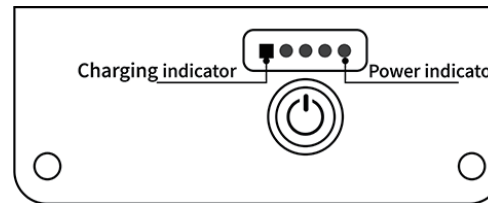


How to turn on?

- Please install the batteries with correct polarity (negative end against the long spring of each battery slot)
- When using the D5 first time, please charge the battery by Type C Cable (not included).
- Press the power switch button, the DC interface enters the output state. (At this time, the power indicator (round) lights green and starts blinking after 8 seconds, and the DC maintains output.)

How to check the battery power status?

- To make sure the accuracy of the power status, please disconnect the Type C cable.
- Press the power key to turn off the output at first, stay for 3s, then press the power key again to turn on output.
- At this time, the power indicator (round) lights up and turns off automatically after 8s.
- Within 8s the working time of the power indicator, press the power switch again, indicator turns off. DC stops output.



Power indicator Status(Round)

Battery voltage range (V) Tolerance ±0.1	Number of power indicator
< 3.0	0
3.0 - 3.4	1
3.4 - 3.7	2
3.7 - 4.0	3
4.0 - 4.2	4

(Suggest to stop using D5L device when the voltage below 3.0V)

Accessory



D5



Bracket



Antennas
(optional)