

**POWERplus**<sup>®</sup>

DYNAMO | SOLAR | USB  
**DAB+ | FM Radio & Speaker**

POWERBANK - FLASHLIGHT - CLOCK - ALARM



**BISON**

# POWERplus® Bison

DYNAMO | SOLAR | USB  
DAB+ | FM Radio Bluetooth Speaker



The POWERplus Bison is a high quality DAB+ | FM Radio with integrated extra functions:

- Bluetooth speaker
- 2.600 mAh powerbank
- LED flashlight
- Clock
- Personal alarm

The POWERplus Bison combines dynamo, solar and USB technology to charge. Your perfect companion for outdoor activities like camping, hiking, fishing, boating etc.



High quality DAB+ | FM Radio



Bluetooth powerful speaker



Replaceable 18650 Lithium battery



Integrated LED flashlight



Powerbank function



## Main Technical Param.....

FM sensitivity	≥10uV
DAB sensitivity	≥27uV
Reception scope of the FM	76~108MHz
Reception scope of the DAB	174.928~239.200MHz
Distance for Bluetooth	≤10 metre
The audio frequency output power	2W ( 4W for BT)
LED Light	2pcs 1W 2835 (4000-4500K)
SOS Light	0.5W 2835
Radio working time after 1 minute cranking( intermediate voice)	4~5min
LED lighting time after 1 minute cranking(1 LED)	7~8min
Radio working time after being charged by direct sunlight for 1 hour ( 500W/M2, intermediate voice)	16~18min
Lighting time of 1 LED after being charged by direct sunlight for 1 hour	19~23min
Maximum current for solar charging	20mA
Radio working time after fully charged ( intermediate voice)	15hr.
Bluetooth working time after fully charged ( intermediate voice)	17hr.
Lighting working time after fully charged(1 LED)	9hr.
SOS working time after fully charged	3hr.
Fully Charge Time via USB Input Cable	2-4 hr.
Specification of built-in battery	3.7V,2000mAh
Diameter of Built-in Speaker	φ45mm/5W
Input Voltage and Current	5V/1A
Output Voltage and Current	5V/1A
Generator Power	5W