



Technical details	
Product	MELA - Original
Number of LED	10 LED deliver up to 80 lumens
Material	PVC
Weight	127.57g
Diameter	10.16cm
Hight collapsed	2.54cm
Hight inflated	10.16cm
Open panel dimension	8.51x8.51cm
Open-circuit voltage (Voc)	4.3V
Optimum operating voltage (Vmp)	2.6V
Short-circuit current (Isc)	3.5A
Optimum operating current	220mAh
LED light reated watts	0.6W
LED light operating current	200mAh
Solar panel	5V / 0.65W
Built-in lithium battery	3.7V / 1000mAh
Rechargeable lithium polymer battery pack	300 - 500 cycle life
Full charge time	8 hours
Light lasting of full charge	6 - 12 hours (depending on setting)
Working voltage of LED light need	> 2.6V
Optimal storage temperature	-20°C - +50°C
Not to exceed 60°C	
Full functional temperature	-20°C - +50°C
IP rating	IP65
Working lifetime	30000 hours
Certificates	CE, RoHS
Product warranty	1 year