



TECHNICAL SHEET

Powerbox

Battery

Type	Li-ion (LiCO) 3.7 [V]
Capacity	11'000 [mAh]
Power Storage	40.7 [Wh]
Deep Charge/Discharge lifespan	> 500 cycles
Battery protection circuit	Protected against: Overcharge, Overdischarge, Overcurrent, Short Circuit
Full Charge time with 5W panel	10 hours*
Charging technology	Enhanced with Maximum Power Point Tracking
Switching technology	High durability capacitive sensing switch (CapSense™)

Input & Outputs

PowerBox Input	DC
Admissible Input – Solar	6V, 9V, 12V – 1 to 10W
Admissible Input – AC/DC	6V to 25V – up to 5W
PowerBox Output	USB (2 ports)
Output when Lamp connected	3.3 [V] (Automatic device detection)
Output for any other device	5 [V]

Size and weight

Size	135x90x55 [mm]
Weight	0.43 [kg]

LED Lamp

Technology	High Power LED (CREE™)
Power	1 [W]
Light Output	80 lumen*
Light Colour	4750 K to 5250 K (Cool White)
Switching technology	High durability capacitive sensing switch (CapSense™)
Lamp plug type	USB
Cable Length	5 [m]
Lighting time with 4 lamps (320 lumen - 4W)	8 hours*
Lighting time with 3 lamps (240 lumen - 3W)	10 hours*
Lighting time with 2 lamps (160 lumen - 2W)	16 hours*
Lighting time with 1 lamp (80 lumen - 1W)	32 hours*

Extra features

Mobile phone adapter	Iphone/Ipod, USB micro B, USB mini B, Nokia 3.5mm, Nokia 2.0mm, Sony Ericcson Fast Port, Samsung (i900 type), Samsung (D800 type), LG connector, Sony PSP
Task light stand	Metal and varnished wood
Battery charge indication	LED code signals
Integrated micro-financing	Integrated OOLUX micro-financing system (intelligent timer for instalment buying)

Solar panel

Peak Power	5 [W]
Nominal Voltage	8.7 [V]
Size	20x30x1.7 [cm]
Cable length	5 [m]

* All values are nominal