

Ulitium & T-Lite Solar Home Concept



Ulitium & T-Lite Solar Home Concept

Ulitium Features

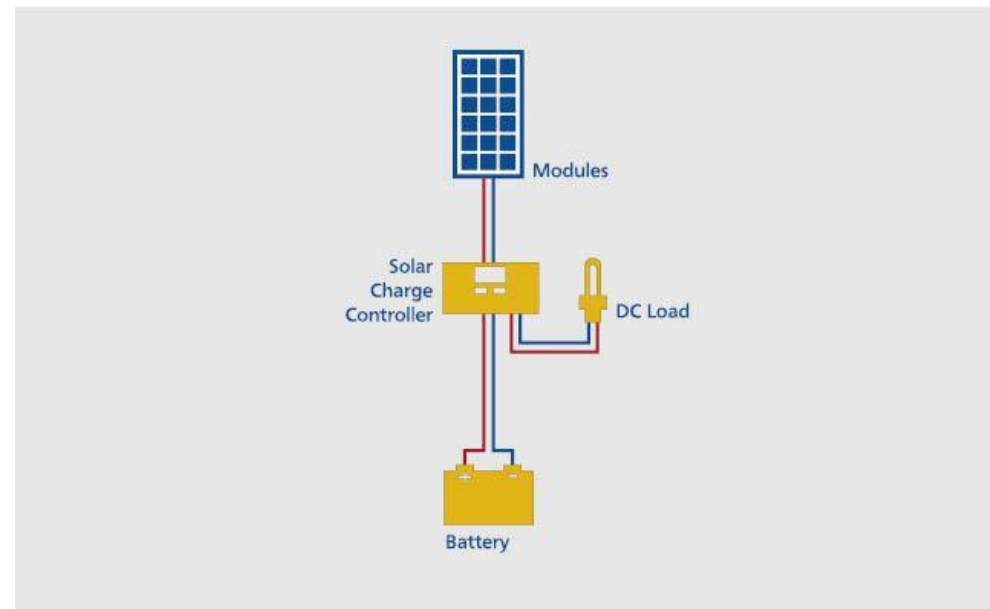
Switch Position			
Light Output	240 Lumen	120 Lumen	25 Lumen
Energy Storage	60 kJ		
Energy Consumption	10 kJ/h	5 kJ/h	1 kJ/h
Light Hours	6 Hours	12 Hours	60 Hours
Light Output Loss*	7% after 5 years 15% after 10 years	4% after 5 years 7% after 10 years	2% after 5 years 4% after 10 years
Storage Capacity Loss**	24% after 5 years 49% after 10 years	12% after 5 years 24% after 10 years	2% after 5 years 5% after 10 years

Ulitium & T-Lite Solar Home Concept

Classical Solar Home Systems Applications

Applications and characteristics

- Home uses
- Holiday uses
- Garage lighting
- Recreational uses
- Centralized storage of the energy
- Limited expandability



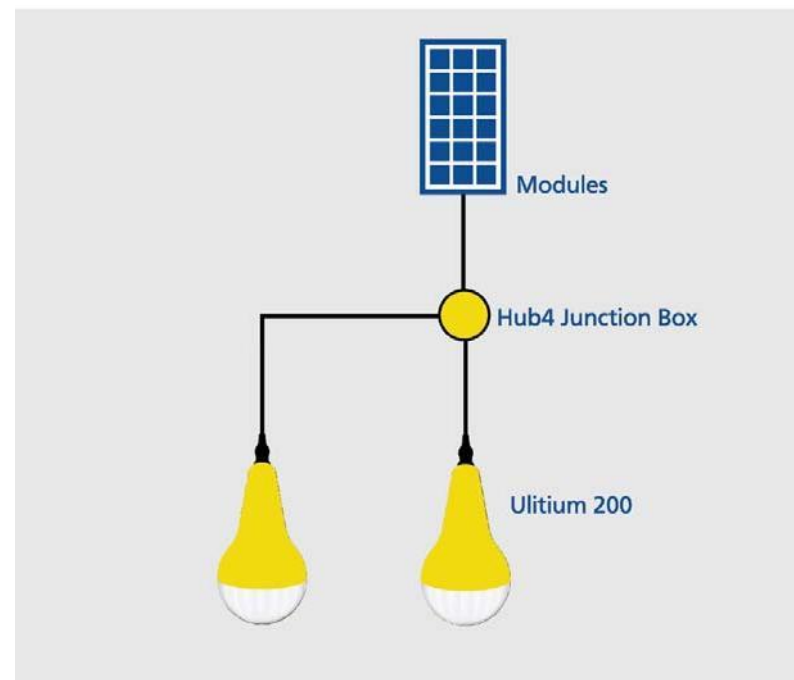
System diagram

Ulitium & T-Lite Solar Home Concept

Ulitium or T-Lite Applications

Applications and characteristics

- Home uses
- Holiday uses
- Garage lighting
- Recreational uses
- Integrated battery and charge controller
- Decentralized storage of the energy
- Unlimited expandability



System diagram

Ulitium & T-Lite Solar Home Concept

Technical Data Ulitium

Technical data

- Integrated Charger and Lithium-Ion Battery
- Light Output: 240 Lm @ Step 1; 120 Lm @ Step 2; 25 Lm @ Step 3
Step 1 comparable to 40 W incandescent bulb or 7 W fluorescent lamp
- 6 hours light @ Step 1 at full charge
- Energy Consumption: 10 kJ/h @ 240 Lm
- Energy Storage Capacity: 60 kJ
- Light Life: up to 18 years
- Available in different "Takeaway Kits"

Ulitium & T-Lite Solar Home Concept

Technical Data T-Lite

Technical data

- Integrated Charger and Lithium-Ion Battery
- Light Output: 180 Lm @ full brightness – step less dimmable to 15 Lm
“Full brightness” comparable to 30 W incandescent bulb or 6 W fluorescent lamp
- 7.5 hours light @ full brightness at full charge
- Energy Consumption: 8 kJ/h @ 180 Lm
- Energy Storage Capacity: 60 kJ
- Light Life: up to 18 years
- Available in different "Takeaway Kits"

Ulitium & T-Lite Solar Home Concept

Sundaya Products



Ulitium & T-Lite Lamps



Sundaya 21" LED TV



LEC Module



Ulitium & T-Lite Lightkit

Hub4



Hub5



Junction Box



Bayonet Cable

Comparison Ulitium & T-Lite vs Classic SHS

Classic Solar Home System



Ulitium & T-Lite Solar Home Systems



Comparison Ulitium & T-Lite vs Classic SHS

User-friendliness – Classic Solar Home System

Components needed

- Solar Module
- Solar Charge Controller
- Battery
- Cable
- Load
- Lamp-holder

Tools needed

- Screwdrivers
- Crimping tools
- Cable sleeves
- Cutter knife
- Side cutter
- ...



Comparison Ulitium & T-Lite vs Classic SHS

User-friendliness – Ulitium & T-Lite Solar Home Systems

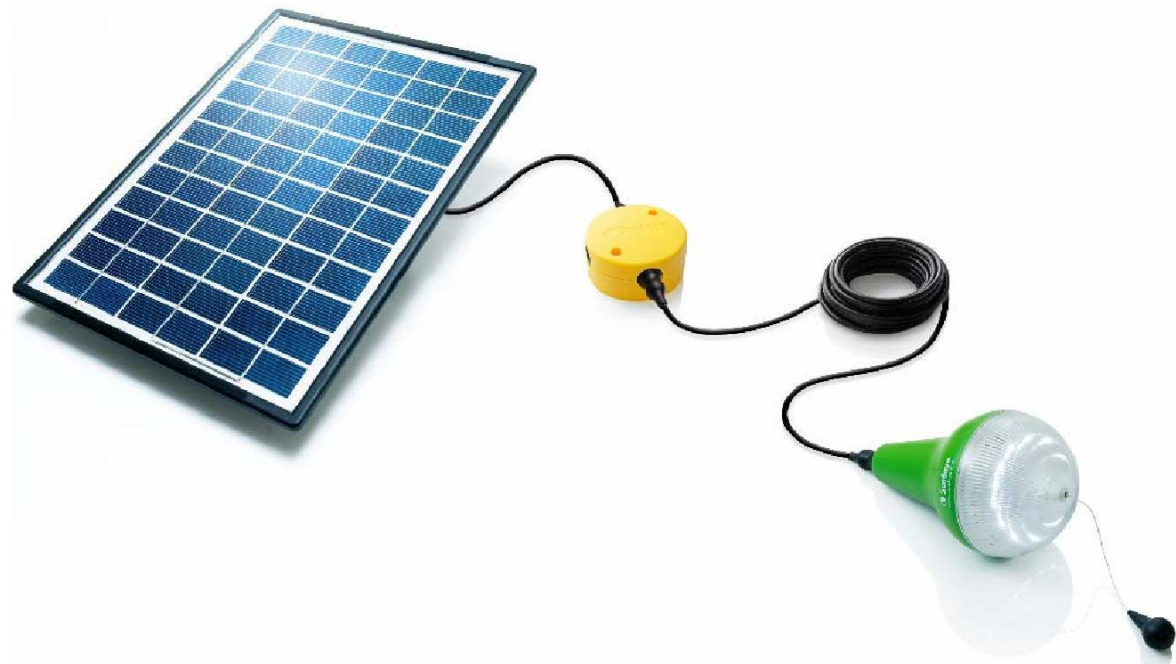
Components needed

- Ulitium or T-Lite Kit 1 (including)
 - Ulitium 200 / T-Lite 180
 - Solar Module
 - Bayonet cable
 - Hub4/5 Junction Box



Tools needed

None...



Thank You for your Attention!



UG (haftungsbeschränkt)

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