



Datasheet • Home Comfort Solar System



Due to ongoing improvement policy, this documentation is subject to modification without prior notice.

free energy

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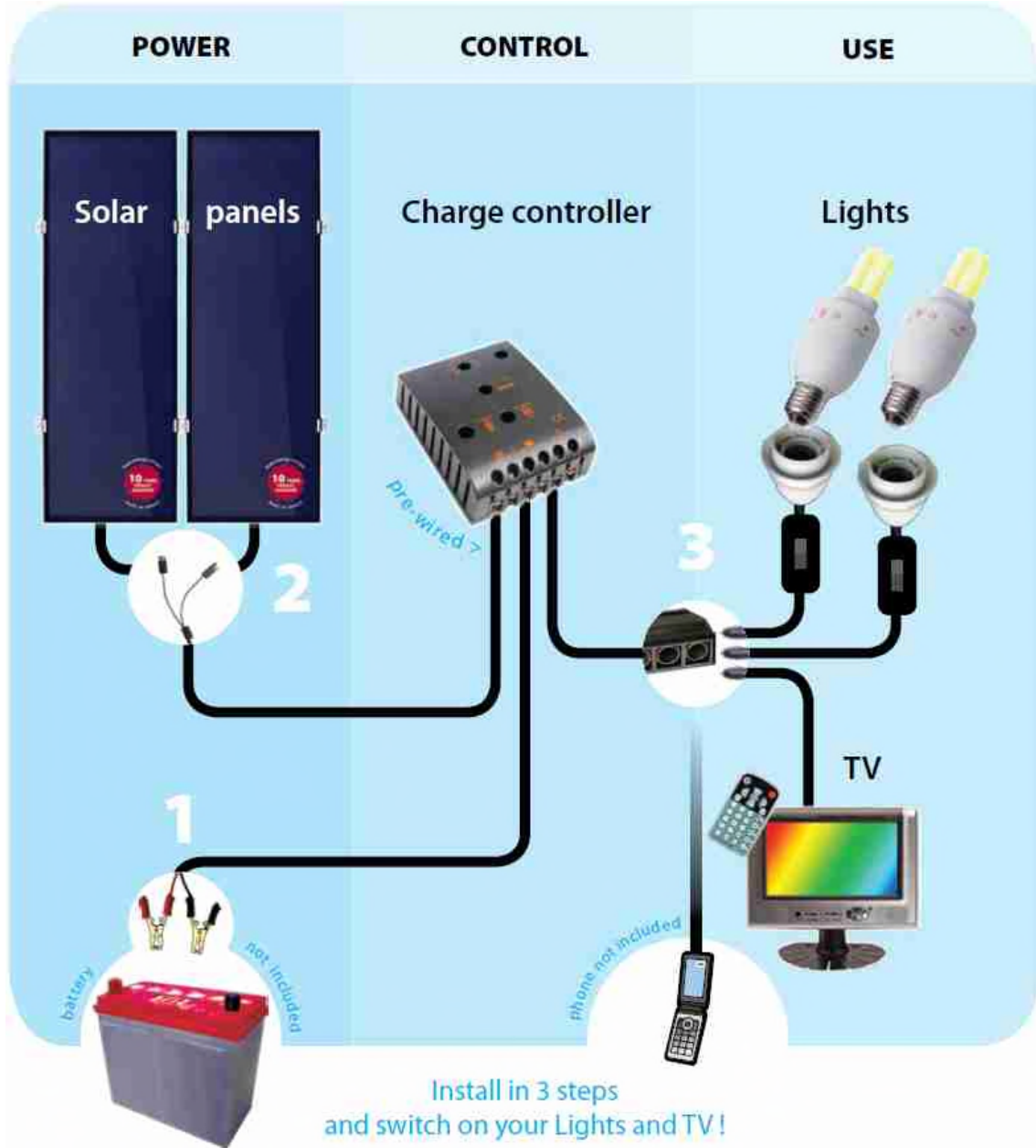
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NR-VT-L.T01

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SYSTEM COMPONENTS

NR-VT-LT01

2x free energy europe Solar panel

FEE-14-12, 14 Watt peak

Dimensions 930 mm (L) x 317 mm (W) x 12.5 mm (H), 4.1 kg
 Installation Four clips for easy installation
 Wiring 1 m double insulated cable (2 x 0.75 mm²) with plug. Y-cable to connect both panels
 Guarantee 10 years product guarantee

1x 7" Solar DC Color TV

Phocos Solar DC Color TV

Dimensions 7 inch screen
 Screen pixels 320 H x 240 V
 Power Power consumption < 10W
 RF Input 6 frequency bands (49 - 870 MHz, PAL unbalance)
 Video input 1 VP - P (PAL / NTSC / SECAM)
 Audio output 0.5 Watt (max)
 Accessories Remote control, User manual

2x Compact Fluorescent Light

Phocos CL1205D DC

Power • 12V DC operation, 5W nominal power
 Features • Detachable tube
 • Over-Temperature Protection
 • Extremely high illumination efficiency
 • High number of switching cycles
 • Standard E27 lamp socket
 Wiring • Pre-wired 7.5 m (2x 0.75 mm²) with switch and DC plug to triple DC socket

1x Solar Charge controller

Phocos CA06-2, 5A

Dimensions 100 mm (L) x 80 mm (W) x 32 mm (H), 180 gr
 Protection • Deep discharge protection
 • Full electronic protection against panel surge voltage, wrong polarity at panel or battery, and overload / short circuit at load
 LED indication LED indication for charge status, SOC, LVD, and overload / short circuit
 Wiring • Pre-wired 7.5 m (2x 0.75 mm²) with plug (to panel)
 • Pre-wired 1.5 m (2x 2.5 mm²) with 10A fuse and battery clips (to battery)
 • Pre-wired 0.2 m (2x 0.75 mm²) with triple DC socket (to load)

To be added by end-user (not included)

• 1x 12 Volt Solar battery, 50 Ah (suggested capacity)

14 Watt Solar panels	Solar LCD TV *	Lights **/***	Phone charges *
2x	4 hrs	2 lights	2 phones
3x	5 hrs	3 lights	3 phones
4x	6 hrs	4 lights	4 phones

* Based on 5 hours full sun equivalent (5 kWh/m²) per day
 ** Based on average use of 3 hrs/day per light