

# **compact solar power source 12V**

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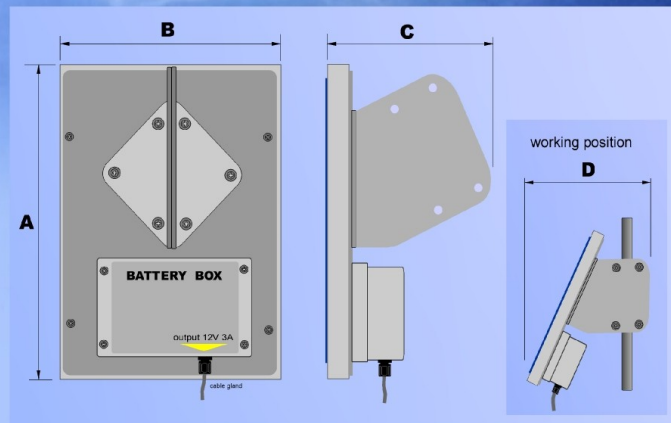
**catalogue**

2015 / 1

**Compact unit includes a solar cell, a controller and the battery container. Basic features:**

- stabilized voltage source 12V
- 3A output load
- designed for operation with battery 7Ah
- protection against excessive discharge and overcharge the battery
- built-in sensor of the dusk + timer 12h (optional)
- adapted for outdoor use (IP 65)
- the set contains a handle and the clamping rings.





# compact solar power source 12V

model	7S20U	7S30U	7S45U
solar power	20W	30W	45W
outputs voltage	12V (stabilized +/-5%)		
max. current output	3A		
continuous * output current	100mA	150mA	220mA

## battery



	7Ah/12V	95x65x150	NP7-12or equivalent
battery time charging (max.) <b>max insolation</b>	8h	5,5h	4h
battery time charging (max.) <b>overcast</b>	160h	110h	80h

## dimensions [mm]

A	550	550	670
B	350	515	550
C	250	250	250
D	400	480	520
weight [kg]	5,5	6,4	7,6

\* Under continuous draw current - taking into account average insolation, current for which it will be little probability of discharge of the battery.

Individual versions enable to set the period of output activity 12V (turned on):  
**standard versions** - constant work or external control

U	7S20U	7S30U	7S45U
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## version with built-in timer

DT	7S20DT	7S30DT	7S45DT
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DT allows the setting of output activity:

1. only day; 2. only night; 3. constantly; 4. set time after dark (adjustment 0,1- 12h)
5. set time after dawn (adjustment 0,1- 12h); 6. continuous cyclic activity (independent time adjustment ON and OFF 0,1- 12h); 7. continuous cyclic activity after dark;
8. continuous cyclic activity after dawn

(possibility of adaptation any time adjustment range according to needs of the customer)