

**„tropical-box“**  
**PURION 500 12 V DC compact**  
“clean drinking water in remote areas with 12 V DC“

-is characterized by compact construction and high degree of efficiency respecting to disinfection and energy consumption. The construction design follows laws, standards and regulations.



**manufacturer:** PURION GmbH  
**type** „tropical-box“  
**PURION 500 12 V DC compact**  
**flow rate** 400 l/h drinking water  
**disinfection rate** 99,99%  
**dose** 400 J/m<sup>2</sup>  
**UV-transmission** 90 %  
**temperature of water:** 8°C bis 40°C

**power supply** power supply pack  
photo-voltaic

**cabinet**  
**material:** aluminium  
**dimension:** 600 x 390 x 270 (h x w x d) (mm)  
**total weight:** 12,1 kg

**equipment:** UV-plant PURION 500  
accumulator 17 Ah  
solar controller 4 A  
lamp control  
vandal protected. switch

**electrical connection:** poled plug

**water connection:** input: nozzle ½“  
output: water tap ½“

**UV-plant**  
**reactor:** stl. steel 1.4571  
**seal:** FPM  
**life time of lamps:** 10.000 h  
**number of lamps:** 1  
**electrical connection:** 12 V DC  
**total power:** 10 W