

## VPPS 2010

### TECHNICAL DATA SHEET

#### TRIPOD

<i>Dimensions</i>	<i>bended</i>	aluminium & stainless steel
	<i>open</i>	diameter cm. 40      length cm. 100
<i>Weight</i>		diameter cm. 100      high cm. 80
		Kg.6.500 circa

#### SOLAR PANEL

<i>Dimensions</i>	Type h 20
<i>Weight Kg.</i>	mm. 524x325x34
<i>Peak energy</i>	2,500 (2,800 the second panel)
<i>Nominal tension, open circuit</i>	20 Watt
<i>Storage temperature</i>	20,50 Volts
<i>Life (media)</i>	-40° a + 60° C
	25 years (with a decay of 20%)

#### BATTERY Lithium-Ion Polymer , 2 units

<i>Total Capacity</i>	8000 mA-11,1 V
<i>Input tension (maximal)</i>	20 V
<i>Maximal Working Tension</i>	12,6 V
<i>Minimal Working Tension</i>	9,8 V
<i>Maximal Charging Current</i>	1 A
<i>Maximal duration (full charge)</i>	80 h

#### SAMPLER

<i>Dimensions (with tail &amp; rain protection)</i>	aluminium & stainless steel
<i>Weight (with drum)</i>	mm. 300 x 500 h. (without tail mm. 200 x 350)
<i>Pump</i>	Kg.8.200
<i>Motor</i>	centrifugal
<i>Electric board</i>	brushless
<i>Maximal energy needed</i>	protected against humidity
<i>Controls</i>	80 mA
<i>Flow regulation</i>	ON/OFF e +/-
	automatic 10 lpm . Manual +/- 30%