

## Product Data Sheet

<b>Unit name</b>	<b>Portable UPS for underwater communication</b>
<b>Part No.</b>	USV-UWT.142100
<b>NSN</b>	-
<b>Product description</b>	<p>Portable uninterruptible power supply for underwater communication with inbuilt mains rectifier and charged batteries. The device can be used with 110 to 230 VAC 50/60Hz maximum 4A mains voltage, wide-range entrance.</p> <p>Maximum Output voltage 28 to 36 VDC 8A used for power supply of underwater communication device UT 2200 of the company Wärtsilä ELAC Nautik GmbH and for other technical devices with 30V net voltage.</p> <p>The power supply is done via built-in batteries. Usually the USV-UWT.142100 will be used with AC via public current. After the battery is loaded the charger integrated in the USV-UWT.142100 uses trickle charging mode. There is no time limit for leaving the integrated batteries on the net – they will not be damaged.</p> <p>The device contains five maintenance-free GEL-batteries size 6V 10Ah. The batteries are connected by low resistance bridges so that they form a 30V set. The batteries are mounted shock-resistant in a foam-coated portable box. The batteries secure the demanded autonomy time of about 30 hours communication at a continuous load of 10 watts.</p>
<b>Technical data</b>	
size (B x H x T)	215 x 240 x 480 mm
Weight	19 kgs incl. batteries
Color	RAL9006
El. Values	Input: 110 to 230 VAC - 50 / 60 Hz max. 4 A Output: 28 bis 36 VDC - 8A
Protection class	IP65
Software-Version date	1.0 (Oktober 2009)
Operating instructions	315 690 002 001
<b>Scope of delivery</b>	
Portable UPS for underwater communication	
P/N: USV-UWT.142100	
Net cable USV-UWT.142100 - Connector according DIN CEE	
P/N: 309 690 002 001	
Operating instructions	
P/N: 315 690 002 001	
<b>Accessories</b>	
Connection cable UT 2200 - 16S-Connector / open-ending	
P/N: 309 690 002 002	

