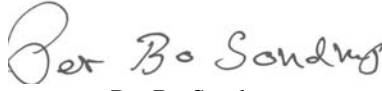


EMC assessment sheet no. 847



<p>DELTA client T-Rex Engineering Aps Hjulgagervej 17E 7100 Vejle Denmark</p>	<p>DELTA project no. A402391</p>
<p>Product identification T-Rex Engineering. 12 V “Juicy Lucy Fuel Tank”. The “Juicy Lucy Fuel Tank” is a 12 V power supply unit with five isolated DC-output terminals for guitar pedals. The “Juicy Lucy Fuel Tank” consists of one power input socket, one switch for selecting of power range, one fuse, a transformer, 5 rectifier bridges, 5 smoothing capacitors at 1000 uF, 5 voltage regulators L7812, 5 capacitors at 22 uF and 5 DC-output connectors. In addition a LED for ON-indication exists together with a 100 Ohm resistor and a rectifier.</p>	
<p>DELTA reports DELTA test report A402151 “EMC test on Fuel Tank” DANAK-19k0406, dated 2 October 2006. DELTA test report A402151 “Measurements of radio frequency interference from Fuel Tank power supply according to FCC Part 15”, dated 2 October 2006.</p>	
<p>Other documents There is no reference to other documents.</p>	
<p>Conclusion The “Fuel Tank” and the “Juicy Lucy Fuel Tank” is very similar in the mechanical and electrical construction. The differences are mainly related to the outputs. The number of outputs is reduced from eight 9 V DC-outputs, one 12 V DC-output and one AC-output to 5 DC-outputs. In addition the DC-output voltage is changed from 9 V to 12 V. EMC tests are performed and documented in test reports with the conclusion that the “Fuel Tank” complies with the relevant EMC requirements. The “Juicy Lucy Fuel Tank” has similar EMC properties as the “Fuel Tank”, and therefore it complies with the same requirements:</p> <ul style="list-style-type: none">• EN61000-6-1:2001 Generic standards - Immunity for residential, commercial and light-industrial environments.• EN61000-6-3: 2001+A11. Generic standards - Emission standard for residential, commercial and light-industrial environments.• FCC Rules and Regulations Part 15, Subpart B, Class B	
<p>Date Them, 15 May 2007</p>	<p>Assessor  Per Bo Sondrup EMC Specialist</p>