



Prüfbericht - Nr.: <i>Test Report No.:</i>		19646075 001		Seite 1 von 63 <i>Page 1 of 63</i>	
Auftraggeber: <i>Client:</i>		Schneider Electric India Pvt. Ltd. Beary's Global Research Triangle, Sy. No 63/3B, Gorvigere Village, Whitefield Ashram Road, Bidarranahalli Hobli, Bangalore 560067, India .			
Gegenstand der Prüfung: <i>Test item:</i>		Uninterruptible Power Supply	Zustand der Anlagen am Eingang: <i>Condition of Equipment on receipt:</i>		Good
Bezeichnung: <i>Identification:</i>		SRTL1500RMXLI-NC	Serien-Nr.: <i>Serial No.:</i>		AS1739191903
Wareneingangs-Nr.: <i>Receipt No.:</i>		1803265394	Eingangsdatum: <i>Date of receipt:</i>		16-Oct-2017
Prüfört: <i>Testing location:</i>		TÜV Rheinland (India) Pvt. Ltd., Plot No.: 108, West Wing, Electronics City Phase 1, Bangalore - 560100			
Prüfgrundlage: <i>Test specification:</i>		<p>[Emission] IEC 62040-2:2005 IEC 61000-3-2:2014</p> <p>[Immunity] IEC 61000-2-2:2002 IEC 61000-4-2:2008(contact: level 2 (±4kV), air: level 3 (±8kV)) IEC 61000-4-3:2010(80 - 1000MHz, level 3 (10V/m)) IEC 61000-4-4:2012(AC power ports: level 3 (±2kV) signal ports:level 4 (±2kV)) IEC 61000-4-5:2014(AC power ports: level 3 (±2kV) signal ports:level 2 (±1kV)) IEC 61000-4-6:2013(AC power ports: level 3 (10V), signal ports:level 3 (10V)) IEC 61000-4-8:2009(level 4 (30A/m), continuous field) IEC 61000-4-11:2004</p>			
Prüfergebnis: <i>Test Result:</i>		Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>			
Prüflaboratorium: <i>Testing Laboratory:</i>		TÜV Rheinland (India) Pvt. Ltd. Plot No.: 108, West Wing, Electronics City Phase 1, Bangalore - 560100			
geprüft/ tested by:			kontrolliert/ reviewed by:		
11-Dec-2017	Raghunath MN Engineer		11-Dec-2017	M Abdul Rahman Manager	
Datum Date	Name/Stellung Name/Position	Unterschrift Signature	Datum Date	Name/Stellung Name/Position	Unterschrift Signature
Sonstiges/ Other Aspects: NIL					
Abkürzungen:		P(ass) = entspricht Prüfgrundlage	Abbreviations:		P(ass) = passed
F(ail) = entspricht nicht Prüfgrundlage		N/A = nicht anwendbar	F(ail) = failed		N/A = not applicable
N/T = nicht getestet			N/T = not tested		
<i>This laboratory is accredited by the National Accreditation Board for Testing and Calibration Laboratories, INDIA. The tests reported herein have been performed in accordance with its scope of accreditation.</i>					
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test centre this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>					

TEST SUMMARY

5.1.1 HARMONICS ON AC MAINS

RESULT: Pass

5.1.2 MAINS TERMINAL DISTURBANCE VOLTAGE (CONDUCTED EMISSION)

RESULT: Pass

5.1.3 COMMON MODE DISTURBANCE AT TELECOMMUNICATION PORT

RESULT: Pass

5.2.1 RADIATED EMISSION

RESULT: Pass

6.1.1 RADIATED RADIO-FREQUENCY ELECTROMAGNETIC FIELDS (RADIATED SUSCEPTIBILITY)

RESULT: Pass

6.1.2 CONDUCTED DISTURBANCES INDUCED BY RADIO-FREQUENCY FIELDS (CONDUCTED SUSCEPTIBILITY)

RESULT: Pass

6.1.3 CONDUCTED IMMUNITY TO LOW FREQUENCY FIELDS

RESULT: Pass

6.1.4 POWER FREQUENCY MAGNETIC FIELDS

RESULT: Pass

6.2.1 ELECTRICAL FAST TRANSIENTS AND BURSTS

RESULT: Pass

6.2.2 SURGES

RESULT: Pass

6.2.3 ELECTROSTATIC DISCHARGES

RESULT: Pass

6.3.1 VOLTAGE DIPS

RESULT: Pass

6.3.2 VOLTAGE INTERRUPTIONS

RESULT: Pass

1. General Remarks

According to customer specification all emission levels & limits to the EUT were according to Category C2 of IEC 62040-2. All the tests were done at nominal load.

Interface cable in EUT

Interfaces	Max. cable length	Cable Type (Shielded/Un shielded)
Micro link Cable	4.5m	Unshielded
USB 1(On Unit)	5m	Shielded
USB 2(On NMC)	5m	Shielded
USB 3(On NMC)	5m	Shielded
Universal I/O 1 (On NMC)	4m	Unshielded
Universal I/O 2 (On NMC)	4m	Unshielded
Network 1 (On Unit)	15m	Unshielded
Network 2 (On NMC)	15m	Unshielded
EPO (On Unit)	5m	Unshielded

The EUT was tested with the above mentioned cable lengths.

UPS listed below and made by APC by Schneider Electric are identical to each other mechanically and electrically. The only differences between these products are the installation practices and the addition of network management card. These products are manufactured at the same factory on the same manufacturing line and labelled only at the very end of the assembly process. External battery pack XBP48RM1U-LI is accessory to the UPS. Testing was performed on SRTL1500RMXLI-NC.

Product SKU	Product Description
SRTL1500RMXLI-NC	APC Smart-UPS SRT 1500VA 230V with Network Card + SRT 48V Li-ion battery pack
SRTL1500RMXLI	APC Smart-UPS SRT 1500VA 230V + SRT 48V Li-ion battery pack
SRTL1000RMXLI-NC	APC Smart-UPS SRT 1000VA 230V with Network Card + SRT 48 V Li-ion battery pack
SRTL1000RMXLI	APC Smart-UPS SRT 1000VA 230V + SRT 48 V Li-ion battery pack
SRT1500UXI-NCLI	APC Smart-UPS SRT 1500VA 230V with Network Card
SRT1500UXI-LI	APC Smart-UPS SRT 1500VA 230V
SRT1000UXI-NCLI	APC Smart-UPS SRT 1000VA 230V with Network Card
SRT1000UXI-LI	APC Smart-UPS SRT 1000VA 230V
XBP48RM1U-LI	APC Smart-UPS 48V 585 Wh LI Battery Pack