

# VERSAPOWER TAP AC POWER SUPPLY

The USR VersaPower TAP AC Power Supply provides power for the new USR Copper TAPs. The PSU can be used to replace an original power supply when needed or to provide power for USR USB TAPs when used with USB 2.0 ports that cannot power the unit, particularly the USR4524-MINI that does not come with an AC power supply. For use with the USR4523, USR4524, USR4524-MINI.



## ELECTRICAL (@25C)

- Input
  - Rated Input: 100-240VAC, 50/60HZ, 0.6A
  - Input Voltage Range: 90-264VAC @ 100% rated load current
  - Input Frequency Range: 47-63Hz
  - Inrush Current: 30A/60A maximum, cold start @ 115VAC/230VAC input, respectively
  - No Load Input Power: <75mW @ 230VAC
  - Efficiency: DoE Level VI compliant, EU CoC Tier 2 compliant
- Output
  - Output Voltage Rating: 5V DC
  - Output Current Rating: 3A
  - Output Power Rating: 15W
  - Turn-on Delay: 1 second max. @ nominal line and full load
  - Output Regulation:  $\pm 5\%$  max
  - Line Regulation:  $\pm 0.5\%$  typ.
  - Ripple: 1% or 100mV, whichever is greater
  - Transient Response: 5% max. deviation (with 40-70% load step), 1ms typ. recovery time
  - Hold-up Time: 8ms typ. @ nominal line and full load

## RELIABILITY

- MTBF: 1,500,000 hours @ 25°C ambient, full load

## SAFETY

- Dielectric Withstand Voltage: 4000VAC or 5656VDC
- Touch Current: <75uA

## PROTECTIONS

- Grounding configuration: (F1) Class II / Double Insulated
- Input Protection: MOV transient suppressor, input line fusing
- Over-Voltage Protection: 110-130% of nominal output voltage
- Short-Circuit Protection: Auto-restart
- Over-Current Protection: 110-160% of rated output current

## ENVIRONMENTAL

- Temperature:
  - Operating Temperature: 0° to 40° C
  - Non-Operating Temperature: -20° to 70° C
- Humidity:
  - 5% to 90% non-condensing
- Altitude: 5000m
- Ingress protection: IP42

## CERTIFICATIONS\*

- FCC Part 15, Class B
- CE
- UKCA
- NOM
- ETL: UL 62368-1, CSA C22.2, UL 60950-1, 4007497 UL1310
- RoHS 3 Compliant
- WEEE Compliant

## PHYSICAL

- Housing: High impact plastic, 94V0 polycarbonate, non-vented
- Input configuration: Interchangeable Blades (US, EU, UK, AU)
- Output Power Plug: Female Barrel 2.5mm ID x 5.5mm OD x 11mm L, Center Positive
- Output Cord: 16 AWG + Shield, 1200 mm length (nom)

## PACKAGE CONTENTS

- 1 USR VersaPower TAP AC Power Supply with clips for US, UK, EU, AU



\* Certification are subject to change without notice

# USR4522-RMK 4 UNIT 1U RACKMOUNT CHASSIS

The USR TAP Rackmount Chassis holds up to 4 TAPs in a standard 1U rack providing a space saving solution for multiple TAP installations.

- 4 Rack mounting screws included

