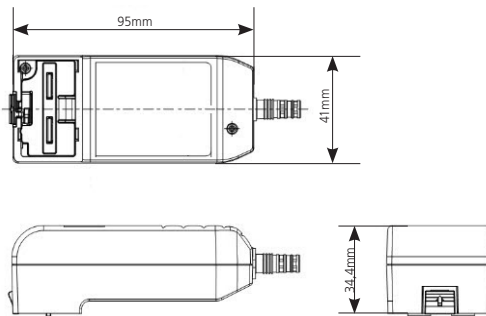# Universal Power Supply

This switch mode power supply was designed in Austria to meet the requirements of Adcon RTUs. It typically delivers a 6W output and features a wide range input (100-240V), while maintaining small size and light weight.

In contrast to common low-cost products this power supply provides a fixed output volt age of 9V DC at 670mA with a tolerance of ±3% to prevent excessive voltage input on your Adcon RTU (which must not exceed 10VDC at the power port, as higher voltages might damage the CPU). Primary connection is to a standard wall outlet, as can be seen in the images to the right. Plugs for Europe, the UK, the USA and Australia are available. The secondary cable connection to your Adcon RTU is provided through a 6m cable, featuring a 5-pin M9 Binder connector for the power connector on Adcon RTUs.

This unit is not meant for unprotected outdoor use and environments with extremely high and condensating humidity.

European
Type C Plug

US Type A
NEMA-1 plug

UK Type G
BS1363 plug

Application

○ Power supply to Adcon RTUs

Dimensions of PS without primary connector

Australian Type I
AS3112 plug

Technical data

Dimensions	95 x 41 x 34,4mm (without primary power connector)
Weight	350g with cable
Primary input	100V - 240VAC, 50/60Hz 300mA
Secondary output	limited to 9VDC; 1,33mA; 12W
Efficiency	80% at full load acc. to EuP Tier II
Switching frequency	65 kHz
Operating temperature	0 … 40°C (32 … 104°F)
Storage temperature	-30 … 80°C (-22 … 176°F)
Connector	1 x 5-pin M9 m. to Adcon RTUs
Cable length	600cm

Primary power jack	European, UK, US, or Australian
MTBF acc. to MIL-HDBK-217 F	5.681.818h @ 25°C ambient temp. 2.604.167h @ 40°C ambient temp.
Type approvals	CE EN22 c US

Ordering Information

200.733.522	Universal Power Supply Europe
200.733.523	Universal Power Supply USA
200.733.525	Universal Power Supply UK
200.733.526	Universal Power Supply Australia