

## RL series

### RESISTOR LOAD

*The relating applications:*

*Grid simulation  
PHIL applications  
Generator tests  
Battery simulations  
Inverter tests*



*Resistor Load RL 4000*

- ✓ Increase the sink power capability of APS amplifiers
- ✓ 4000 W ... 12000 W power capability
- ✓ Automatic step switching

## APS AMPLIFIER SINK ENHANCEMENT

## RL Power characteristic

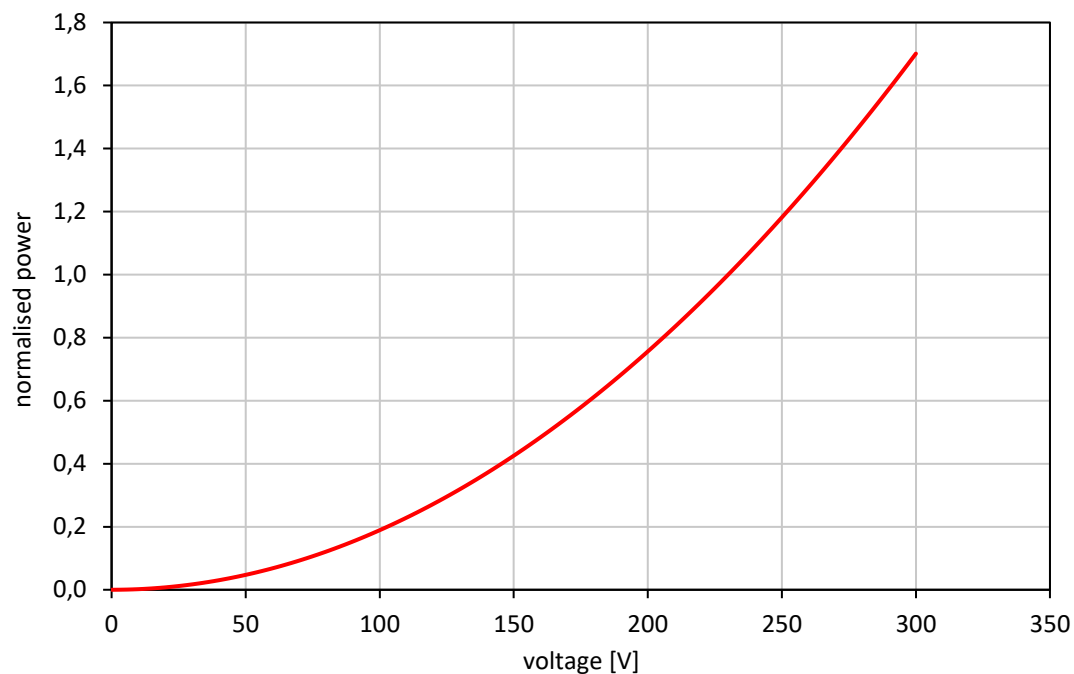


Fig. 1: Normalised power diagram

## TECHNICAL DATA - GENERAL

	RL series
Frequency range	DC ... 1 kHz
Nominal input voltage (RMS)	0 ... 300 V
Control	automatic step switching
Cooling	controlled forced air cooling
Ambient temperature	+10 °C up to +40 °C
Storage temperature	-25 °C up to +60 °C
Relative humidity	non condensing, max. 80 % for temperature < 31 °C, decreasing linearly to 50 % at 40 °C
Ingress protection	IP20
Power supply ( $\pm 10$ %, 50/60 Hz)	230 V

## TECHNICAL DATA - RL series

	RL 4000	RL 6000
Continuous power (@ 230 V, RMS)	4000 W	6000 W
Power resolution (@ 230 V, RMS)	1000 W	1500 W
Housing	plug-in unit, light grey (RAL 7035)	
Resistor Load approx. dimensions (H x W x D)	19", 5 U 222 x 483 x 650 mm	19", 5 U 222 x 483 x 650 mm
Weight Resistor Load (approx.)	25 kg	27 kg
Recommended min. APS model	APS 2500	APS 5000

	RL 8000	RL 12000
Continuous power (@ 230 V, RMS)	2 x 4000 W	2 x 6000 W
Power resolution (@ 230 V, RMS)	1000 W	1500 W
Housing	plug-in unit, light grey (RAL 7035)	
Resistor Load approx. dimensions (H x W x D)	19", 2 x 5 U 444 x 483 x 650 mm	19", 2 x 5 U 444 x 483 x 650 mm
Weight Resistor Load (approx.)	50 kg	54 kg
Recommended min. APS model	APS 7500	APS 10000