

# Series ESS 2.5K



# 2.5k

## WATTS

### LABORATORY POWER SUPPLIES

#### SINGLE OUTPUT

**2U package**

**CE marked**

**Constant voltage/constant current**

**Embedded RS232/IEEE option**

**Guarantee 5 years**

#### INPUT

Input voltage range 230VAC, single phase,  
50/60Hz. Softstart limits  
AC inrush

Frequency 47-63Hz

#### OUTPUT

Power 2500W

Line regulation 0.1%

Load regulation 0.1%

Ripple and noise 75 to 250mV peak to peak  
(model dependent)

Response time 650  $\mu$ s for 30% load change  
(models up to 20VDC)

Overcurrent protection adjustable current limit

Overvoltage protection adjustable

Remote control user selectable

#### GENERAL

Display analog or digital

Series operation possible

Parallel operation possible

Efficiency 85 to 91% model dependent

Application bench top or 19" rack mount

#### ENVIRONMENTAL

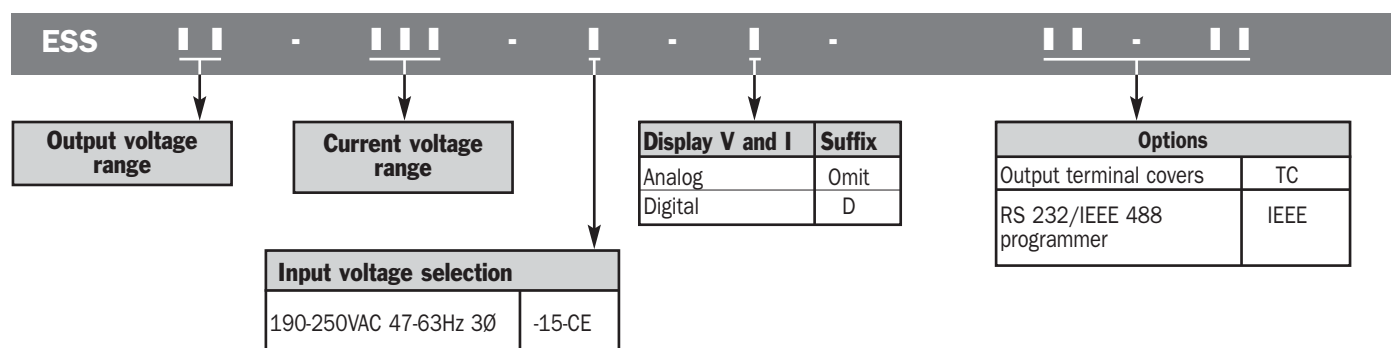
Operating temperature 0°C to 50°C

Storage temperature -55°C to +85°C

Cooling internal fan

## TABLE OF MODELS

| Model       | Maximum power | Output |       |
|-------------|---------------|--------|-------|
|             | Watts         | Volts  | Amps  |
| ESS 7.5-300 | 2500          | 0-7.5  | 0-300 |
| ESS 10-250  | 2500          | 0-10   | 0-250 |
| ESS 20-125  | 2500          | 0-20   | 0-125 |
| ESS 30-80   | 2500          | 0-30   | 0-80  |
| ESS 40-60   | 2500          | 0-40   | 0-60  |
| ESS 60-40   | 2500          | 0-60   | 0-40  |
| ESS 80-30   | 2500          | 0-80   | 0-30  |
| ESS 100-25  | 2500          | 0-100  | 0-25  |
| ESS 150-16  | 2500          | 0-150  | 0-16  |
| ESS 300-8   | 2500          | 0-300  | 0-8   |
| ESS 400-6   | 2500          | 0-400  | 0-6   |
| ESS 600-4   | 2500          | 0-600  | 0-4   |



## DIMENSIONS

| Model | Height | Depth | Rack height | Weight kg |
|-------|--------|-------|-------------|-----------|
| 2.5kW | 89mm   | 447mm | 2U          | 13kg      |

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