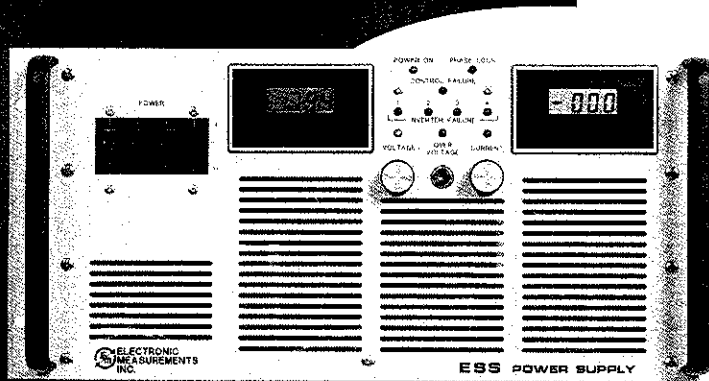


# ESS

# LAMBDA

An Invensys company



# 10k-15k

## WATTS

### LABORATORY POWER SUPPLIES

#### SINGLE OUTPUT

Constant voltage/constant current

Voltage current programming options

Threephase input

RS 232 and IEEE option

Parallel or series operation

Choice of analog or digital meters

Guarantee 5 years

#### INPUT

Input voltage range	220 to 480VAC threephase
Input frequency	47-63Hz
Input protection	circuit breaker
On/Off	On front panel

#### OUTPUT

Power	10000 to 15000W
Output adjustment	10 turn potentiometer on front panel
Constant voltage operation	
Line regulation	0.1%
Load regulation 0 to 100%	0.1%
Programming via resistance via voltage	possible possible
Ripple & noise	50 to 300mV peak to peak (model dependent)
Response time	650µs for 30% load change models up to 20VDC
Constant current operation	
Line regulation	0.1%
Load regulation 0 to 100%	0.1%
Overcurrent protection	adjustable current limit
Overvoltage protection	adjustable
Remote control	standard

#### GENERAL

Display	Analog or digital
Serial operation	possible
Parallel operation	possible
Efficiency	85 to 91% model dependent
Application	bench top or 19" rack mount

#### ENVIRONMENTAL

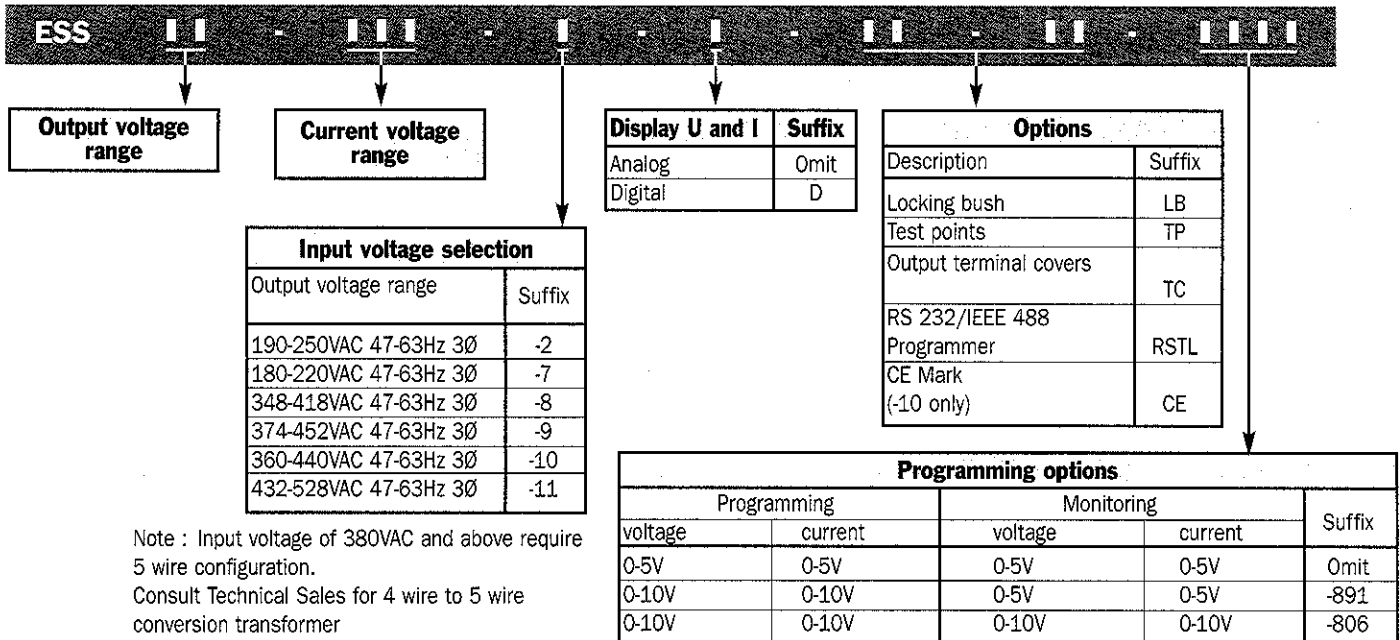
Operating temperature	0°C to +50°C
Storage temperature	-55°C to +85°C
Cooling	integral fan
Derating	>50°C @ 4%/°C

## ELECTRICAL SPECIFICATIONS

Model	Maximum power Watts	Output Volts	Amp.
ESS 7.5-1000	7500	0-7,5	1000
ESS 10-1000	10000	0-10	1000
ESS 10-1400	14000	0-10	1400
ESS 12.5-800	10000	0-12.5	800
ESS 20-500	10000	0-20	500
ESS 20-750	15000	0-20	750
ESS 25-400	10000	0-25	400
ESS 30-333	10000	0-30	333
ESS 30-500	15000	0-30	500
ESS 40-250	10000	0-40	250
ESS 40-375	15000	0-40	375
ESS 50-200	10000	0-50	200
ESS 50-300	15000	0-50	300
ESS 60-165	10000	0-60	165
ESS 60-250	15000	0-60	250
ESS 80-125	10000	0-80	125
ESS 80-185	15000	0-80	185
ESS 100-100	10000	0-100	100
ESS 100-150	15000	0-100	150
ESS 125-80	10000	0-125	80

Model	Maximum power Watts	Output Volts	Amp.
ESS 125-120	15000	0-125	120
ESS 150-66	10000	0-150	66
ESS 150-100	15000	0-150	100
ESS 160-62	10000	0-160	62
ESS 160-93	15000	0-160	93
ESS 180-60	10000	0-180	60
ESS 180-95	15000	0-180	95
ESS 200-50	10000	0-200	50
ESS 200-75	15000	0-200	75
ESS 220-46	10000	0-220	46
ESS 250-40	10000	0-250	40
ESS 250-60	15000	0-250	60
ESS 300-33	10000	0-300	33
ESS 300-50	15000	0-300	50
ESS 400-25	10000	0-400	25
ESS 400-37	15000	0-400	37
ESS 500-20	10000	0-500	20
ESS 500-30	15000	0-500	30
ESS 600-16	10000	0-600	16
ESS 600-25	15000	0-600	25

## OPTIONS



## DIMENSIONS

Model	Height	Length	Depth	Rack height	Weight kg
10kW or 15kW	221.4	483	592	5U	48kg

# Series ESS

**LAMBDA**   
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EDITION 2001