

Consort EV200 Range Power Supply Units

The Consort EV200 power supplies cover the range of voltages and currents used with all Scie-Plas electrophoresis units, whether it is for routine low voltage horizontal and vertical gel electrophoresis or high voltage applications such as isoelectric focusing and sequencing.



The voltage and current can be adjusted at any time during a run, and are displayed on the unit in bright, easy-to-read digits. Nine different program settings, each with 9 different parameters, allow more complex, multi-step techniques to be programmed and stored. All Consort EV200 power supplies include voltage ramping, automatic crossover and recovery after power failure as standard, in addition to full protection against overload and accidental short circuit.

Also introducing... The NEW Consort EV222 Power Supply



An ideal low cost power supply for routine horizontal and vertical gel electrophoresis which includes many features of the Consort EV200 units: manual programming, timer, automatic crossover, recovery after power failure and a 3-year warranty.

ORDERING INFORMATION

Power Supply

Power Supply	Part No.
200 Volt, 200 Milliamp, 20 Watt power supply for 230Vac mains supply	EV222
300 Volt, 1000 Milliamp, 150 Watt power supply for 230Vac mains supply	EV231
300 Volt, 2000 Milliamp, 300 Watt power supply for 230Vac mains supply	EV202
400 Volt, 300 Milliamp, 50 Watt power supply for 230Vac mains supply	EV243
600 Volt, 500 Milliamp, 150 Watt power supply for 230Vac mains supply	EV265
600 Volt, 1000 Milliamp, 300 Watt power supply for 230Vac mains supply	EV261
1200 Volt, 500 Milliamp, 300 Watt power supply for 230Vac mains supply	EV215
3000 Volt, 150 Milliamp, 150 Watt power supply for 230Vac mains supply	EV232
3000 Volt, 300 Milliamp, 300 Watt power supply for 230Vac mains supply	EV233
6000 Volt, 150 Milliamp, 300 Watt power supply for 230Vac mains supply	EV262

For 110VAC electricity systems add -A to the end of these codes

BENEFITS INCLUDE

- Compact, portable and safe
- Manual and method programming
- Constant voltage, current or power settings
- Automatic crossover
- Overload protection
- Short circuit protection
- Three-year warranty

TECHNICAL SPECIFICATION

	EV222
Voltage	0...200V
Current	0...200mA
Power	0...20W
Parameter Range	1...100% of full scale
Timer	0...99:59h
Volt-hours	n/a
Display	LCD, 2x16 characters
Resolution	1V, 1mA, 1W
Programs	1 set of parameters
Outputs	3 in parallel, 4mm sockets
Minimum load resistance	15Ω
Buffer depletion detection	n/a
No load detection	on/off, programmable
Ground leakage detection	✓
Overload detection	✓
Computer control	n/a
Data/Logging	n/a
RS232	n/a
Ambient Temperature	0...40°C
Relative Humidity	0...95%, non condensing
Power Requirements	210...250VAC, 50/60Hz, 35W
Dimensions (WxDxH)	24x20x13cm
Weight	2kg

TECHNICAL SPECIFICATION

	EV243	EV231	EV265
VOLTAGE	0...400V	0...300V	0...600V
CURRENT	0...300mA	0...1000mA	0...500mA
POWER	0...50W	0...150W	0...150W
PARAMETER RANGE	1...100% of full scale	1...100% of full scale	1...100% of full scale
TIMER	0...99:59h	0...99:59h	0...99:59h
VOLT-HOURS	0...99.99kVh	0...99.99kVh	0...99.99kVh
DISPLAY	LCD, 2x16 characters	LCD, 2x16 characters	LCD, 2x16 characters
RESOLUTION	1V, 1mA, 1W	1V, 1mA, 1W	1V, 1mA, 1W
PROGRAMS	9x9 set of parameters	9x9 set of parameters	9x9 set of parameters
OUTPUTS	3 in parallel, 4mm sockets	4 in parallel, 4mm sockets	4 in parallel, 4mm sockets
MINIMUM LOAD RESISTANCE	30Ω	10Ω	30Ω
BUFFER DEPLETION DETECTION	on/off, programmable	on/off, programmable	on/off, programmable
NO LOAD DETECTION	on/off, programmable	on/off, programmable	on/off, programmable
GROUND LEAKAGE DETECTION	✓	✓	✓
OVERLOAD DETECTION	✓	✓	✓
COMPUTER CONTROL	✓	✓	✓
DATA/LOGGING	3600 values	3600 values	3600 values
RS232	9600b/s	9600b/s	9600b/s
AMBIENT TEMPERATURE	0...40°C	0...40°C	0...40°C
RELATIVE HUMIDITY	0...95%, non condensing	0...95%, non condensing	0...95%, non condensing
POWER REQUIREMENTS	210...250VAC, 50/60Hz, 75W	210...250VAC, 50/60Hz, 200W	210...250VAC, 50/60Hz, 200W
DIMENSIONS (WxDxH)	24x20x13cm	31x26x15cm	31x26x15cm
WEIGHT	3kg	6kg	6kg
	EV202	EV261	EV215
VOLTAGE	0...300V	0...600V	0...1200V
CURRENT	0...2000mA	0...1000mA	0...500mA
POWER	0...300W	0...300W	0...300W
PARAMETER RANGE	1...100% of full scale	1...100% of full scale	1...100% of full scale
TIMER	0...99:59h	0...99:59h	0...99:59h
VOLT-HOURS	0...99.99kVh	0...99.99kVh	0...99.99kVh
DISPLAY	LCD, 2x16 characters	LCD, 2x16 characters	LCD, 2x16 characters
RESOLUTION	1V, 1mA, 1W	1V, 1mA, 1W	1V, 1mA, 1W
PROGRAMS	9x9 set of parameters	9x9 set of parameters	9x9 set of parameters
OUTPUTS	4 in parallel, 4mm sockets	4 in parallel, 4mm sockets	4 in parallel, 4mm sockets
MINIMUM LOAD RESISTANCE	5Ω	15Ω	70Ω
BUFFER DEPLETION DETECTION	on/off, programmable	on/off, programmable	on/off, programmable
NO LOAD DETECTION	on/off, programmable	on/off, programmable	on/off, programmable
GROUND LEAKAGE DETECTION	✓	✓	✓
OVERLOAD DETECTION	✓	✓	✓
COMPUTER CONTROL	✓	✓	✓
DATA/LOGGING	3600 values	3600 values	3600 values
RS232	9600b/s	9600b/s	9600b/s
AMBIENT TEMPERATURE	0...40°C	0...40°C	0...40°C
RELATIVE HUMIDITY	0...95%, non condensing	0...95%, non condensing	0...95%, non condensing
POWER REQUIREMENTS	210...250VAC, 50/60Hz, 360W	210...250VAC, 50/60Hz, 360W	210...250VAC, 50/60Hz, 360W
DIMENSIONS (WxDxH)	31x26x15cm	31x26x15cm	31x26x15cm
WEIGHT	10kg	10kg	10kg
	EV232	EV233	EV262
VOLTAGE	0...3000V	0...3000V	0...6000V
CURRENT	0...150mA	0...300mA	0...150mA
POWER	0...150W	0...300W	0...300W
PARAMETER RANGE	1...100% of full scale	1...100% of full scale	1...100% of full scale
TIMER	0...99:59h	0...99:59h	0...99:59h
VOLT-HOURS	0...99.99kVh	0...99.99kVh	0...99.99kVh
DISPLAY	LCD, 2x16 characters	LCD, 2x16 characters	LCD, 2x16 characters
RESOLUTION	1V, 1mA, 1W	1V, 1mA, 1W	1V, 1mA, 1W
PROGRAMS	9x9 set of parameters	9x9 set of parameters	9x9 set of parameters
OUTPUTS	4 in parallel, 2mm sockets	4 in parallel, 2mm sockets	4 in parallel, 2mm sockets
MINIMUM LOAD RESISTANCE	600Ω	300Ω	1200Ω
BUFFER DEPLETION DETECTION	on/off, programmable	on/off, programmable	on/off, programmable
NO LOAD DETECTION	on/off, programmable	on/off, programmable	on/off, programmable
GROUND LEAKAGE DETECTION	✓	✓	✓
OVERLOAD DETECTION	✓	✓	✓
COMPUTER CONTROL	✓	✓	✓
DATA/LOGGING	3600 values	3600 values	3600 values
RS232	9600b/s	9600b/s	9600b/s
AMBIENT TEMPERATURE	0...40°C	0...40°C	0...40°C
RELATIVE HUMIDITY	0...95%, non condensing	0...95%, non condensing	0...95%, non condensing
POWER REQUIREMENTS	210...250VAC, 50/60Hz, 200W	210...250VAC, 50/60Hz, 360W	210...250VAC, 50/60Hz, 360W
DIMENSIONS (WxDxH)	31x26x15cm	31x26x15cm	31x26x15cm
WEIGHT	6kg	10kg	10kg