

Technique & Apparatus Format	Gel or Tube Size*, Quantity (w x l x t)	Typical Running Conditions†						Run Time	omniPAC (Consort) Power Supply
		At start			End				
		Power (w)	Voltage (v)	Current (mA)	Power (w)	Voltage (v)	Current (mA)		
Western Blotting									
omniBLOT Mini – e.g. SB10	80 x 85 x 1mm, 4 gels	-	100 (Constant)	250	-	100 (Constant)	400	1-2h	CS-300V or CS-3AMP
Modular System - e.g. CVS10CBS	80 x 85 x 1mm, 4 gels	-	100 (Constant)	250/550 Wire/Plate Electrodes	-	100 (Constant)	400/1500 Wire/Plate Electrodes	2h / ½-1h Wire/Plate Electrodes	CS-300V/ CS-3AMP Wire/Plate Electrode
Standalone – e.g. EBM10	80 x 85 x 1mm, 4 gels	-	100 (Constant)	250	-	100 (Constant)	400	1-2h	CS-300V or CS-3AMP
omniBLOT Mini Wide – e.g. SB10W	160 x 85 x 1mm, 3 gels	-	100 (Constant)	250	-	100 (Constant)	250	1-2h	CS-300V, CS-500V or CS-3AMP
Modular System - e.g. VS10WCBS	160 x 85 x 1mm, 3 gels	-	100 (Constant)	250	-	100 (Constant)	250	1-2h	CS-300V, CS-500V or CS-3AMP
WAVE Maxi – e.g. WAVECBS	160 x 175 x 1mm, 4 gels	-	50/100 Wire/Plate Electrodes (Constant)	150-250 /1000-1600 Wire/Plate Electrodes	-	50/100 Wire/Plate Electrodes (Constant)	150-250/ 1000-1600	5-20h/1-5h	CS-3AMP
omniBLOT Maxi – e.g. SB20	160 x 175 x 1mm, 3 gels	-	50 (Constant)	250	-	50 (Constant)	250	5-20h max.	CS-3AMP
Modular System - e.g. VS20CBS	160 x 175 x 1mm, 4 gels	-	50 (Constant)	250	-	50 (Constant)	250	5-20h max	CS-3AMP
Semi-Dry Blotting (Protein / Nucleic Acids)									
SD10 Mini	100 x 100 x 2/5mm, 1 gel	-	75 (Constant)	550	-	75 (Constant)	550	15-30 min	CS-3AMP
SD20 Maxi	200 x 200 x 2/5mm, 1gel; 4x Mini Gels	-	75 (Constant)	1200	-	75 (Constant)	1200	15-30 min	CS-3AMP
SD33 Maxi-Plus	330 x 450 x 2/5mm, 1gel; 14x Mini Gels; 3x Maxi Gels	-	75 (Constant)	2000	-	75 (Constant)	2000	15-30 min	CS-3AMP
SD50 Maxi-Long	200 x 500 x 2/5mm, 1 gel; 10x Mini Gels; 2x Maxi Gels	-	75 (Constant)	2000	-	75 (Constant)	2000	15-30 min	CS-3AMP

* Sizes shown are those most commonly used in the corresponding apparatus. See product manuals for running conditions for additional sizes.

†(Constant) the parameter set as a constant value on the power supply. Typical conditions are to serve as guidelines only, and will vary according to the buffer and overall quality of the sample and reagents.

^a Uses 2xTAE.

omniPAC Power Supply Specifications

	MINI nanoPAC-300	MIDI CS-300V	MAXI CS-500V	MAXI CS-3AMP
Output range (programmable)	10-300V	2-300V	5-500V	5-300V
Volts	10-300V	2-300V	5-500V	5-300V
Current	10-400mA	1-700mA	1-800mA	10-3000mA
Power	60W max.	150W	300W	300W
Resolution	1V / 1mA	1V / 1mA	1V / 1mA / 1W	1V / 1mA / 1W
Type of output	Constant voltage or constant current	Constant voltage or constant current	Constant voltage, constant current or constant power	Constant voltage, constant current or constant power
Automatic crossover	-	✓	✓	✓
Timer	1-999 min. with alarm; Continuous	1-999 min. with alarm; Continuous	Constant mode: 1-9999 min. with alarm; continuous. Programmable mode: 1-999 min. with alarm; continuous.	Constant mode: 1-9999 min. with alarm; continuous. Programmable mode: 1-999 min. with alarm; continuous.
Pause/resume function	-	✓	✓	✓
Display	3-digit LED	3-digit LED	2.6" LCD, 2-line	2.6" LCD, 2-line
Programmable Methods	-	-	Up to 30 programmable files, each with 6 steps	Up to 30 programmable files, each with 6 steps
Automatic recovery after power failure	✓	✓	✓	✓
Safety features	No-load detection; over-voltage, current & temperature protection; maximum power output detection; shrouded plugs and sockets	No-load detection; sudden load change detection; overload detection; ground-leak detection; over-voltage, current & temperature protection; maximum power output detection; shrouded plugs and sockets	No-load detection; sudden load change detection; overload detection; ground-leak detection; over-voltage, current & temperature protection; maximum power output detection; shrouded plugs and sockets	No-load detection; sudden load change detection; overload detection; ground-leak detection; over-voltage, current & temperature protection; maximum power output detection; shrouded plugs and sockets
Operating conditions	Ambient-40°C; ≤95% humidity	Ambient-40°C; ≤95% humidity	Ambient-40°C; ≤95% humidity	Ambient-40°C; ≤95% humidity
Stackable	-	✓	✓	✓
Number of output jacks	2 sets in parallel	4 sets in parallel	4 sets in parallel	4 sets in parallel
Regulatory conformity	EN-61010-1; CE	EN-61010-1; CE	EN-61010-1; CE	EN-61010-1; CE
Dual voltage	✓ 100-240 VAC		✓ 100-240 VAC	✓ 100-240 VAC
Construction	Polycarbonate housing with aluminium base	Flame retardant ABS-plate design with aluminium base	Flame retardant ABS-plate design with aluminium base	Flame retardant ABS-plate design with aluminium base
Dimensions (w x d x h)	140x191x84mm	190x305x95mm	190x305x95mm	190x305x95mm
Weight	1Kg	2.5Kg	2.5Kg	2.5Kg