



Select Power Supplies

Step 5 - Select:

- One power supply for each chassis

The 1771 power supplies provide 5V dc power directly to the chassis backplane. These power supplies occupy one or two slots in a 1771 chassis and can provide up to 8 A per supply to the I/O chassis.

These power supplies require no space outside the chassis, except for the 1771-P7P power supply. The 1771 power supplies connect directly to the chassis backplane and can be paralleled to provide greater current. Redundancy is available for greater availability.

Cat. No.	Input Voltage, Nom	Input Voltage Range	Real Input Power, Max	Apparent Input Power, Max	Transformer Load, Max	User Output Current	Backplane Output Current	Frequency	Location, No. of Slots
1770-P1	120V ac or 220/240V ac	105-125V ac 205-250V ac	20 W	37V A	50V A	300 mA @ +5V dc +150 mA @ +15Vdc -150 mA @ 15V dc	N/A	50...440 Hz	Standalone
1771-P4S	120V ac	97-132V ac	59 W	89V A	148V A	none	8 A @ +5V dc	47...63 Hz	1771 Chassis, 1 slot
1771-P5	24V dc	20.5-30V dc	57 W	N/A	N/A	none	8 A @ +5V dc	dc/Rect sine	1771 Chassis, 2 slots
1771-P5E	24V dc (has selectable power-loss delay)	20.5-30V dc	57 W	N/A	N/A	none	8 A @ +5V dc	dc/Rect sine	1771 Chassis, 2 slots
1771-P4S1	100V ac	85-120V ac	56 W	89V A	140V A	none	8 A @ +5V dc	47...63 Hz	1771 Chassis, 1 slot
1771-P6S1	200V ac	170-240V ac	56 W	89V A	140V A	none	8 A @ +5V dc	47...63 Hz	1771 Chassis, 1 slot
1771-P4R	120V ac	97-132V ac	59 W	92V A	148V A	none	8 A @ +5V dc	47...63 Hz	1771 Chassis, 1 slot
1771-P6R	220V ac	194-264V ac	59 W	92V A	148V A	none	8 A @ +5V dc	47...63 Hz	1771 Chassis, 1 slot
1771-P6S	220V ac	194-264V ac	56 W	89V A	140V A	none	8 A @ +5V dc	47...63 Hz	1771 Chassis, 1 slot
1771-P7	120V ac or 220V ac	97-132V ac 195-264V ac	108 W	176V A	270V A	none	16 A @ +5V dc	47...63 Hz	Standalone
1771-PS7	120V ac or 220V ac	97-132V ac 195-264V ac	171 W	257V A	427V A	8 A @ 5V dc 2 A @ 15V dc 2 A @ -15V dc 2.5 A @ 24V dc	16 A @ +5V dc (total output power including user is 100 W max)	47...63 Hz	Standalone
1771-P10	125V dc	97-145V dc	51 W	N/A	N/A	none	8 A @ +5V dc	dc/Rect sine	1771 chassis, 2 slots

For more information, see the 1771 I/O Chassis and Power Supplies Product Data, publication 1771-2.185.