



# Multi-Camera Power Supplies





### Multi-Power Supplies



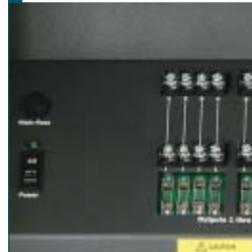
Pelco offers a wide variety of configurations for powering up to 16 devices from a single power source; including Dual Output voltages for greater wire size and distance flexibility.

### Unique Unit Housings



Unique housings allow for easy/clean installations as well as simple maintenance for multiple devices.

### Total Flexibility



Pelco's power supplies offer a wide range of features, making them perfect for low voltage needs for any industry.

### Extra Features



Wiring installation specifications and an installation record area for noting consumption and types of equipment connected to the power supply, are provided on the inside of the cover.

### MCS\*E Series Power Supplies



The power supplies in the MCS\*E Series offer an economical variety of configurations for powering up to 16 cameras from a single power source.

# MCS Series

# Low-Voltage, Multi-Unit Power Supplies

Pelco – regarded for decades as the manufacturer for tough, reliable, and affordable video security enclosures and systems – now, offers an extensive series of low-voltage Multi-Camera Power Supplies. In addition to cameras and video positioning systems, these unique supplies are perfect for a wide range of low voltage applications.

#### Product Features – MCS Indoor Power Supply

- 2, 5, 10, or 20 amp Capacities
- Outputs for 4, 8, or 16 Devices
- Fuse or Circuit Breaker Protection (spare fuses provided with fused models)
- 120VAC or 230VAC Selectable Input
- 24VAC or 28VAC Output for Longer Wire Runs
- UL, cUL, and CE Approvals on Selected Models
- AC Power Indicator with Power On/Off Switch

#### Product Features – WCS Outdoor Power Supply

- 4 or 20 amp Capacities
- Outputs for 1-4 Devices
- 120VAC Output or 230VAC Selectable Input
- 24VAC or 28VAC Output for Longer Wire Runs
- NEMA4X / IP66 Weatherproof Enclosure
- AC Power Indicator with Power On/Off Switch

#### Product Features – MCS\*E Indoor Power Supply

- 120VAC Input, 24VAC Output
- 2, 5, 10, or 20 amp Capacities
- Outputs for 4, 8, or 16 Devices
- Input and Output Fuse Protection
- Power On/Off Switch
- An Economical Alternative to the MCS Series Power Supply

These Pelco-designed and manufactured power supplies are available in a large variety of configurations and can power up to 16 units from a single power source. Available as indoor or environmental units, fused or with self-resetting circuit breaker options, Pelco Power Supplies can address Video Security and most any other low-voltage power supply need. Complete UL, cUL, and CE models are available as well as “economy” models. And all units are packaged in attractive, easy-to-access enclosures for fast, easy, clean installations.

#### MCS Series Power Supplies – Indoor

Power supplies in the MCS Series offer a variety of configurations and provide 24 VAC output for 4, 8, or 16 devices. To compensate for voltage losses over long wire runs, 28 VAC outputs also are available on most models, allowing on-demand flexibility for various wire distance requirements. These power supplies have a selectable input of 120 or 230 VAC (except the MCS4-2, which is 120 VAC only) and are packaged in an easy-to-install metal enclosure with ample room for wiring connections and conduit entries.

The MCS16-10S, MCS16-10SB, MCS16-20S, and MCS16-20SB are 16-output supplies that have individual power switches and LEDs on each output. This is a popular feature in larger systems where it is frequently necessary to power down individual cameras.

#### WCS Series Power Supplies – Outdoor

Power Supplies in the WCS Series offer a variety of configurations for powering up to four outdoor cameras from a single power source. These power supplies provide 24 VAC output for one-to-four devices and have selectable input of 120 VAC or 230 VAC. To compensate for voltage losses over long wire runs, 28 VAC outputs are also available on the WCS40-20.

Models in both the MCS and WCS Series are available with either fuses or self-resetting circuit breakers on each output for greater degree of protection.

Unlike other circuit breaker power supplies, Pelco power supplies were engineered with advanced thermal resetting transformers. This advancement allows the entire unit to always be protected and still require no serviceable components. This feature eliminates the need for costly service calls to replace blown primary fuses or damaged transformers due to overloads.

Fused models provide a greater degree of protection for the camera because they are faster acting and more precise. Circuit breakers will self-reset when the fault is corrected, eliminating the need for replacing fuses. In addition, the amount of current required to trip a circuit breaker can vary as much as 100 percent, depending upon temperature. In the fused models, the values of fuses can be changed depending upon the specific current requirements of the equipment connected.

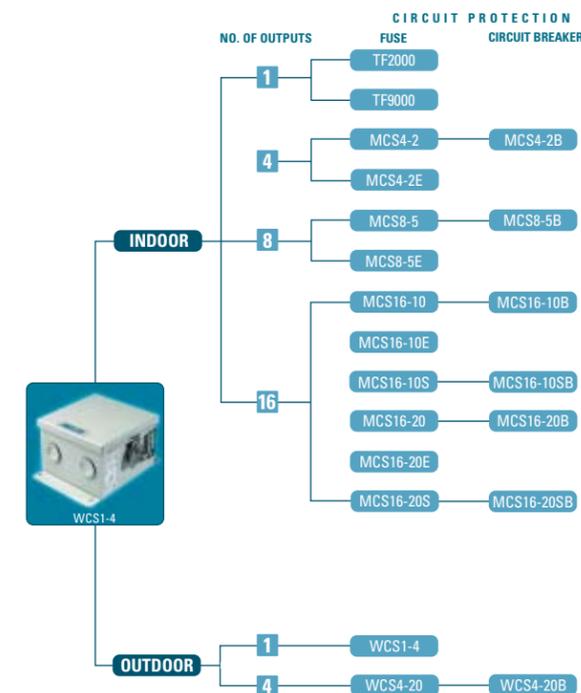
#### MCS\*E Series Power Supplies – An Economical Solution

The power supplies in the MCS\*E Series offer an economical variety of configurations for powering up to 16 devices from a single power source. They come with input and output fuses, including spares, to provide a high degree of protection for the camera.

#### TF Series Power Supplies

These economical power supplies, which are for indoor use only, plug into any 120 VAC duplex wall receptacle having a center screw. A fuse inside the sealed unit provides protection against power supply or camera failure. The TF2000 provides 20 vA output. The TF9000 provides a 50vA output.

### Power Supply Selection Guide



### WCS Series Power Supplies



Power supplies in the WCS Series offer a variety of configurations for powering up to four outdoor cameras from a single power source.

### TF Series Power Supplies



The TF Series Power Supplies are 24 VAC units, ideal for use in fixed-camera applications.

# Use Pelco Power Supplies for All Your Low-Voltage Needs

## SPECIFICATION TABLE

Model Numbers	Outputs	Supply Current	Max Current/Channel (Amps)	Input Voltage (VAC)	Output Voltage (VAC)	Fuses	Circuit Breakers	Surge Protection	UL, cUL, CE	On/Off Switch	Power LED	NEMA 4, IP66 Weatherproof Enclosures
MCS4-2E	4	2	1.5	120	24	■		■		■	■	
MCS4-2	4	2	1.5	120/230	24	■		■	■	■	■	
MCS4-2B	4	2	1.5	120/230	24		■	■	■	■	■	
MCS8-5E	8	5	3	120	24	■		■		■	■	
MCS8-5	8	5	3	120/230	24 & 28	■		■	■	■	■	
MCS8-5B	8	5	3	120/230	24 & 28		■	■	■	■	■	
MCS16-10E	16	10	3	120	24	■		■		■	■	
MCS16-10	16	10	3	120/230	24 & 28	■		■	■	■	■	
MCS16-10B	16	10	3	120/230	24 & 28		■	■	■	■	■	
MCS16-10S	16	10	3	120/230	24 & 28	■		■	■	16	16	
MCS16-10SB	16	10	3	120/230	24 & 28		■	■	■	16	16	
MCS16-20E	16	20	3	120	24	■		■		■	■	
MCS16-20	16	20	3	120/230	24 & 28	■		■	■	■	■	
MCS16-20B	16	20	3	120/230	24 & 28		■	■	■	■	■	
MCS16-20S	16	20	3	120/230	24 & 28	■		■	■	16	16	
MCS16-20SB	16	20	3	120/230	24 & 28		■	■	■	16	16	
WCS1-4	1	4	4	100/120/230	24/26/28	■			■			■
WCS4-20	4	20	9	120/230	24 & 28	■		■	■	■	■	■
WCS4-20B	4	20	9	120/230	24 & 28		■	■	■	■	■	■

Advanced Thermal  
Resetting Transformers  
for Superior Protection

120VAC / 230VAC  
Selectable Power Inputs

Enclosure Offers  
Convenient, Easy  
Mounting Options

LED Power Indicator  
with On/Off Switch

Pelco 100% Customer  
Satisfaction Guaranteed

Stainless Steel Link Lock  
Latch Can Be Secured with  
User-Supplied Padlock

Choose from Circuit  
Breakers or Fused  
Power Protection

Easy Access Conduit  
Holes and Plugs on Unit  
Bottom and Back

Wiring Specifications and  
Installation Record Area  
for Consumption and  
Equipment Notes

Wide Selection of  
Models/Features

## WCS4-20/WCS4-20B POWER SUPPLY

NEMA 4X / IP66 Rated  
Weatherproof Enclosure  
(WCS Series)





*Pelco is a world leader in the design,*

*development and manufacture of*

*video security systems and*

*equipment. With a prestigious*

*history of offering high-quality*

*products, innovative technologies*

*and Guaranteed 100% Customer*

*Satisfaction, Pelco has become*

*the most sought after product*

*supplier in the industry.*

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*Worldwide there's so much we can show you.*

## Pelco Low Voltage, Multi-Unit Power Supplies

From four-camera installations to systems with an almost unlimited number of low-voltage devices, Pelco has the solution. For leading technologies, complete video security integration, and total customer satisfaction, no one else even comes close to Pelco. Ask your representative about Pelco's On-Time Shipping Guarantee, 24-Hour Toll-Free Technical Support, and the Pelco 100% Customer Satisfaction Guarantee.



### MCS Series Power Supplies – Models

MCS4-2	Indoor multiple camera power supply, 120/230 VAC input. Four fused 24 VAC outputs, total current capacity of 2A (48 vA).
MCS4-2B	Same as MCS4-2, except has circuit breakers.
MCS8-5	Indoor multiple camera power supply, 120/230 VAC input. Eight fused 24/28 VAC outputs, total current capacity of 5A (120 vA).
MCS8-5B	Same as MCS8-5, except has circuit breakers.
MCS16-10	Indoor multiple camera power supply, 120/230 VAC input. Sixteen fused 24/28 VAC outputs, total current capacity of 10A (240 vA).
MCS16-10B	Same as MCS16-10, except has circuit breakers.
MCS16-10S	Same as MCS16-10, except each output has a power switch and power indication LED.
MCS16-10SB	Same as MCS16-10S, except has circuit breakers.
MCS16-20	Indoor multiple camera power supply, 120/230 VAC input. Sixteen fused 24/28 VAC outputs, total current capacity of 20A (480 vA).
MCS16-20B	Same as MCS16-20, except has circuit breakers.
MCS16-20S	Same as MCS16-20, except each output has a power switch and power indication LED.
MCS16-20SB	Same as MCS16-20S, except has circuit breakers.



### WCS Series Power Supplies – Models

WCS1-4	Outdoor camera power supply, 100/120/230 VAC input. One 24/26/28 VAC output, total current capacity of 4A (100 vA).
WCS4-20	Outdoor multiple camera power supply, 120/230 VAC input. Four fused 24/28 VAC outputs, total current capacity of 20A (480 vA).
WCS4-20B	Same as WCS4-20, except has circuit breakers.



### MCS\*E Series Power Supplies – Models

MCS4-2E	Indoor multiple camera power supply, 120 VAC input. Four 1A fused 24 VAC outputs, total current capacity of 2A (48 vA).
MCS8-5E	Indoor multiple camera power supply, 120 VAC input. Eight 3A fused 24 VAC outputs, total current capacity of 5A (120 vA).
MCS16-10E	Indoor multiple camera power supply, 120 VAC input. Sixteen 3A fused 24 VAC outputs, total current capacity of 10A (240 vA).
MCS16-20E	Indoor multiple camera power supply, 120 VAC input. Sixteen 3A fused 24 VAC outputs, total current capacity of 20A (480 vA).



### TF Series Power Supplies – Models

TF2000	Indoor camera power supply, 120 VAC input. One fused, 24VAC output
TF9000	Indoor camera power supply, 120 VAC input. One fused, 50 VAC output