

Micro UPS Series

DC to DC Lithium-Ion UPS



The Micro UPS series delivers clean, automatic, reliable, constant power to small DC devices during power outages or where grid power is not available. The DC-to-DC Micro UPS models have various power output options such as USB, DC, and *PoE output (*on certain models). The Micro UPS series is ideal for backing up IP cameras, routers and other 12V devices.

Unlike a traditional powerbank that solely provides backup power when needed, the Micro UPS remains in-line between your device and the power source and modulates the incoming power feed to prevent damage to your sensitive electronic equipment.

Switchover to the Micro UPS in the instance of a power outage is automatic and instantaneous.

Model	Max Output	USB Interface	DC Interface	PoE Interface	Solar Input	Backup Time at 12V (hours)				Battery Capacity
						15W	20W	30W	40W	
MUPS15	15W	✓	✓	-	-	4	-	-	-	4 x 2200mA Li-Ion Batteries
MUPS15P	15W	✓	✓	✓	-	4	-	-	-	4 x 2200mA Li-Ion Battery
MUPS30	30W	✓	✓	-	-	4	3	2	-	4 x 2200mA Li-Ion Battery
MUPS30P	30W	✓	✓	✓	-	4	3	2	-	4 x 2200mA Li-Ion Battery
MUPS30S	30W	✓	✓	-	✓	4	3	2	-	4 x 2200mA Li-Ion Battery
MUPS60PS	60W	✓	✓	✓	✓	15	10	7.5	5	8 x 2200mA Li-Ion Battery

DIAGRAM - INPUT/OUTPUT EXAMPLE - MUPS60PS



12V DC Output

15/24V Passive PoE Output

5V USB Output

220V AC Input

Solar Input (Up to 50W)

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MUPS15

Output	USB Interface	DC Interface	PoE Interface
Output Voltage (selectable)	5V DC	9V / 12V DC	-
Output Power & Current	2.0A / 10W	9V 1A or 12V 1A	-
Output Polarity	-	— —⊖ — +	-

MUPS15P - with Power Over Ethernet

Output	USB Interface	DC Interface	PoE Interface
Output Voltage (selectable)	5V DC	9V / 12V DC	15V / 24V DC
Output Power & Current	2.0A / 10W	9V 1A or 12V 1A	15V 0.6A (10W) or 24V 0.6A (15W)
Output Polarity	-	— —⊖ — +	Pins 4, 5 (+) and Pins 7, 8 (-)

MUPS30

Output	USB Interface	DC Interface			PoE Interface
Output Voltage (selectable)	5V DC	5V DC	9 / 12V DC	4x 12V DC	-
Output Power & Current	2.0A / 10W	5V 2A (10W)	9V 2A or 12V 2A	12V 2A (24W)	-
Output Polarity	-		— —⊖ — +		-

MUPS30P - with Power Over Ethernet

Output	USB Interface	DC Interface			PoE Interface
Output Voltage (selectable)	5V DC	5V DC	9 / 12V DC	4x 12V DC	15V / 24V DC
Output Power & Current	2.0A / 10W	5V 2A (10W)	9V 2A or 12V 2A	12V 2A (24W)	15V 1A (15W) or 24V 1A (24W)
Output Polarity	-		— —⊖ — +		Pins 4, 5 (+) and Pins 7, 8 (-)

MUPS30S - Solar Ready - Built in PWM Solar Charge Controller

Output	USB Interface	DC Interface			PoE Interface
Output Voltage (selectable)	5V DC	5V DC	9 / 12V DC	4x 12V DC	-
Output Power & Current	2A (10W)	5V 2A (10W)	9V 2A or 12V 2A	12V 2A (24W)	-
Output Polarity	-		— —⊖ — +		-
Solar Input	12-50V DC (Up to 50W Max)				

MUPS60PS - with Power Over Ethernet and Solar Ready - Built in PWM Solar Charge Controller

Output	USB Interface	DC Interface			PoE Interface
Output Voltage (selectable)	5V DC	5V DC	9 / 12V DC	4x 12V DC	15V / 24V DC
Output Power & Current	2A (10W)	5V 2A (10W)	9V 2A or 12V 2A	12V 5A (60W)	15V 1A (15W) or 24V 1A (24W)
Output Polarity	-		— —⊖ — +		Pins 4, 5 (+) and Pins 7, 8 (-)
Solar Input	12-50V DC (Up to 50W Max)				