

# COMPACT. VERSATILE. SELF-CONTAINED.

## MEET SOLIS ENERGY'S UPC-90.



**Seamlessly integrate UPS functionality** into an existing electronics cabinet. The UPC-90 is a DIN rail-mounted UPS controller with integrated circuit protection. Engineered for durability and reliability, the UPC-90 can easily augment existing infrastructure to ensure continuous power flow to your critical systems. Simply plug in the UPC-90, connect a 12V battery, and rest easy knowing your systems are online.

## UPC-90



### FEATURES

- Wide AC Input (85 - 265 VAC)
- Wide Operating Temperature (-20°C to 60°C)
- Integrated Hydraulic-Magnetic Breakers  
AC, Battery, Load
- Clean DC Power Output
- Online Battery Connection — Zero Transfer Time
- Alarm Contacts and DIN-Rail Mounted



### APPLICATIONS

- Surveillance Systems
- Telecommunications Equipment
- Access Control Systems
- PLCs and RTU Systems
- Emergency Call Boxes
- Transportation Control Systems



## POWER WHEN YOU NEED IT.

150 N Cypress Way • Casselberry, FL 32707  
407.339.6786 • [www.SolisEnergy.com](http://www.SolisEnergy.com)

Rev 24.3

# UPC-90



## UPC-90

<b>ELECTRICAL</b>	<b>Input Voltage</b>	90 - 264VAC, 47 - 63Hz
	<b>Max Input Current</b>	2.5A @ 115VAC, 1.5A @ 230VAC
	<b>Output Nominal Voltage</b>	12VDC
	<b>Max Current to Load</b>	7.6A
	<b>Max Battery Charge Current</b>	4A
<b>PHYSICAL</b>	<b>Dimensions (H x W x D) (in)</b>	6.8 x 3.1 x 5.6
	<b>Weight (lb)</b>	2
	<b>Operating Temperature</b>	-20 to 60°C
	<b>Operating Humidity</b>	20-90% RH Non-Condensing
<b>Protections</b>	<b>Overload</b>	Recovers automatically after fault condition is removed
	<b>Overvoltage</b>	Emergency shutdown, power cycle to recover
	<b>Low Battery Cutoff</b>	Disconnects load when battery reaches 10VDC, restore AC to recover
<b>AC ALARM (NC)</b>	<b>Relay Contact ON</b>	AC OK
	<b>Relay Contact OFF</b>	AC Failure
	<b>Max Rating</b>	30V/1A
<b>LOW BATTERY (NO)</b>	<b>Relay Contact ON</b>	Battery OK
	<b>Relay Contact OFF</b>	Battery LOW, below 11VDC
	<b>Max Rating</b>	30V/1A

Note: The information contained herein is subject to change without notice.

## POWER WHEN YOU NEED IT.