

FEATURES:

- UPS and Powerbank function
- High capacity Li-Ion batteries
- Supports 5VDC, 9/12VDC and 19VDC (5mm socket) and 5V USB
- Automatic power backup for laptop, routers, CCTV etc.
- Fast recharge time



Solar Charging Option
Ratel 430S



The OmniPower Ratel delivers clean, automatic, reliable, constant power to small DC devices during power outages or where grid power is not available.

Unlike a traditional powerbank that solely provides backup power when needed, the Ratel Micro DC-to-DC 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 device in the instance of a power outage is automatic and instantaneous.


The battery bank is lithium-ion and is charged via grid power or a 50W solar panel (depending on model). Available outputs are power over ethernet, USB interface and DC interface, again depending on model.

Runtime Table (subject to individual useage and charging patterns):



	Output	USB Interface	DC Interface	POE Interface	Solar Input	Backup Time at 12V
Ratel 418	18W	•	•	•		18W for 3 Hours
Ratel 430M	30W	•	•			20W for 3 Hours 30W for 2 Hours
Ratel 430S	30W	•	•		•	20W for 3 Hours 30W for 2 Hours
Ratel 430P	30W	•	•	•		20W for 3 Hours 30W for 2 Hours
Ratel 8100	100W	•	•			20W for 2.5 hours* 50W for 1 hour* 100W for +-30 Minutes*

* Approximate. Subject to Confirmation


Ratel 430M

Output	USB Interface	DC Interface		
Output Voltage (selectable)	5Vdc	5Vdc	9Vdc/12Vdc (5mm socket)	12VdcX4
Output Polarity	--  +			
Output Power & Current	2.0A / 10W		2.0A / (9V18W) or (12V24W)	2.0A (24V24W)

Ratel 430S - Solar Ready - with built-in PWM solar charge controller

Output	USB Interface	DC Interface		
Output Voltage (selectable)	5Vdc	5Vdc	(9Vdc / 12Vdc) X4 (5mm socket)	
Output Polarity	--  +			
Output Power & Current	2.0A / 10W		2.0A / (9V18W) or (12V24W)	
Solar Input Range	12~25Vdc Up to 50W			
Solar Input Polarity	--  +			


Ratel 430P - Power over Ethernet

Output	USB Interface	DC Interface		POE Interface
Output Voltage (selectable)	5Vdc	5Vdc	9Vdc/12Vdc (5mm socket)	15Vdc/24Vdc
Output Polarity	--  +			+4,5 pins -7,8 pins
Output Power & Current	2.0A/10W	2.0A / (9V18W) or (12V24W)		10A / (15.8V16W) or (24V24W)


ALL Ratel 430 MODELS

Rated working voltage:	100~240Vac / 50~60Hz		
Output Power (Max)	30W		
Quantity / Capacity of Battery	4 x 2200mA Li-Ion Battery		
Dimensions (w x d x h mm)	186 x 110 x 33		
Weight (kg)	0.43		

Ratel 418 - Power over Ethernet

Output	USB Interface	DC Interface		POE Interface
Output Voltage (selectable)	5Vdc	9Vdc / 12Vdc (5mm socket)		15Vdc / 24Vdc
Output Polarity	--  +			+4,5 pins -7,8 pins
Output Power & Current	2.0A / 10W	1.0A / 12W		0.6A / (15V10W) or (24V15W)
Rated working voltage:	100~240Vac / 50~60Hz			
Output Power (Max)	18W			
Quantity / Capacity of Battery	4 x 2200mA Li-Ion Battery			
Dimensions (w x d x h mm)	160 x 105 x 28			
Weight (kg)	0.4			

Ratel 8100

Rated working voltage:	100~240Vac / 50~60Hz			
Output Power (Max)	100W			
Output	USB Interface	DC		
Output Voltage (selectable)	5Vdc	12V	9Vdc / 12Vdc (5mm socket)	19V (5mm socket)
Output Current	2.0A	5.0A	3.0A	5.0A
Output Power	10W	60W	36W	95W
Output Polarity	--  +			
Quantity / Capacity of Battery	3.2V / 8 x 1800mA Li-Ion Battery (50Wh)			
Dimensions (w x d x h mm)	263 x 156 x 40			
Weight (kg)	0.7			

