

PowerPak (configurable)

Our re-deployable PowerPaks (configurable) have been designed to power standard/PoE cameras, NVRs and auxiliary devices in scenarios where there is no available power source, or where the source is intermittent or regularly interrupted - for example, daylight saving lampposts which are often inoperable for up to 18 hours in any 24 hour period.

Revader's configurable PowerPaks have rechargeable high energy capacities ranging from 400 to 2000 Watt Hrs and can supply one or two DC voltage rails 5V-50V simultaneously, subject to a maximum combination of 160W/hr and 8A/rail.

PowerPaks 400 and 600 have internal PSUs for recharging. PowerPaks 1000 & 2000 use external re-deployable high power PSUs for recharging.

The internal Revader power resource manager provides for rapid re-charging of the PowerPaks..

Fitted with our unique EasyFit stainless steel bracket system, the PowerPak is ideal for rapid redeployment. However, it can also be permanently secured to poles, walls, fences or trees.

All PowerPak products use Li-Ion batteries. They are individually tested to rigorous IP67 environmental standards before leaving our factory. PowerPaks are also available with a GSM switch for remote activation/deactivation via the use of a mobile app.



61520M-05

E&OE

Intermittent / Regular Power Failure (Part Nos. 61521 to 61524)

When calculating which powerpack model to select, it is recommended that you:

- 1 Monitor the actual power consumption of each voltage rail.. Add 10% to the peak power for each voltage rail as a safety margin. (published power measurements are generally inaccurate).
- 2 Multiply the combined results of "1" above by the number of hours each day that power is not available to determine the required power capacity, then select the PowerPak model accordingly.

Zero Power Available (All Part Nos.)

- 3 Divide the combined results of "1" into the capacity of each PowerPak listed to determine the run time for each model.
- 4 Select the PowerPak most suited to duration of supply, size, weight and GSM facility if required.
- 5 When ordering, specify the actual voltages (5v-50V) and power requirements for each voltage rail. Subject to maximum total power of 160W/hr and 8A/rail

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Model	Watt Hrs	GSM	Size mm	Wt Kilos	Max Charge Tme	Add PSU
61521	400		395x186D	7	4.5hrs	N/A
61522	600		395x186D	8	5hrs	N/A
61523	1000		395x186D	8	7hrs	60896
61524	2000		580x186D	14	13hrs	60897
61526	400	x	395x186D	7	4.5hrs	N/A
61527	600	x	395x186D	8	5hrs	N/A
61528	1000	x	395x186D	8	7rs	60896
61529	2000	x	580x186D	14	13hrs	60897

PSU for PowerPaks

Model	Capacity	Max Output	Size mm	Wt Kilos
60896	240W/Hr	24V@10A	320x186D	8
60897	480W/Hr	24V@20A	320x186D	5.5

INPUT		SAFETY & EMC	
Voltage Range	90 –305VAC	Safety Standards	UL8750, CSA C22.2 No 250.13-12, UL879, CSA C22.2 No.207-M89, IP67 EN60950-1
Frequency Range	47 - 63Hz	Withstand Voltage	I/P-O/P : 3KV AC
Efficiency	94%	Isolation Resistance	I/P-O/P : >100MOhms / 500V DC / 25°C / 70% RH
PROTECTION		EMC Emission	Compliance to EN55032 (CISPR32) Class B EN61000-3-2 Class C (≤50% load) EN61000-3-3
Overload	110 - 150% rated output	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11 EN55024, light industry level, criteria A, EN61547
ENVIRONMENT			
Working Temperature	-40-+90°C.		
Working Humidity	20-90% RH non-condensing		
Storage Temp	-40-80°C		
Storage Humidity	10-95% RH		
Vibration	10-500Hz at 5G 12min		
MTBF	157K hrs min MIL 217F (25°C)		