

# JAY-PAC

Version 11072017

## Battery Powered AC Yoke

Using the market proven JAY and JAYSON yokes as a base, Johnson & Allen researched and developed ways of making them portable. Unwilling to retreat from this task and using DC yokes as an easy way out, Johnson & Allen sought a way of maintaining the sought after 'skin effect' created by AC yokes while still having the unit powered by a lightweight battery. The result was the 'AC-EAZY' Powerbelt; A tool-belt design that can convert 12V DC into 110V AC.

### Key Features

<b>Weight (Incl. yoke)</b>	~7.5kg
<b>Output</b>	110V @ 50Hz
<b>Battery Charge (full)</b>	8 hrs shift (typical)
<b>Recharge Time</b>	4-6 hrs



## Technical Information

Ideal for site work, remote inspections and rope access where a mains supply might be impractical or hard to come by.

JAY-PAC includes 16Ah battery with charger, wave form generator, aerosol holders, yoke carry strap, heavy duty belt, shoulder strap, a choice of yoke (JAY, JAYSON or JAYMI) and a carry case for the kit with foam inserts.

Wave form generator produces a stable supply that closely mimics a normal mains AC supply as opposed to using pulsed DC which generally gives a lower level of inspection clarity.

The 16Ah LiFePO4 battery included in the JAY-PAC holds enough charge for performing a typical 8 hour inspection shift while being one third of the weight of a traditional lead acid battery.

Battery pack features a fuel gauge function so operators can check the remaining charge left in the battery with a single press of a button without having to disconnect the battery or removing it from its pouch.

The unit is completely sealed and is waterproof to IP64 making it suitable for offshore applications too. Additional safety features include overcharge, thermal, over-current and short circuit protection with the battery pack conforming to standard UN 38.3 – The ONLY relevant standard for batteries of this type.

For customers with existing mains powered yokes the AC 'EAZY' Powerbelt can be supplied by itself (without a yoke) and with a 110V female adaptor upon request when ordering - The AC 'EAZY' Powerbelt will power most other brands of yoke with similar current requirements to our own.

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