

ACTive Power



CT real-time powered downhole measurements system

Saves time, improves efficiency and data quality, and eliminates battery risks in CT interventions



Time:

Enables virtually unlimited downhole intervention time



Temperature:

Extends operational temperature window



Electrical:

Eliminates lithium battery risks and disposal

Applications

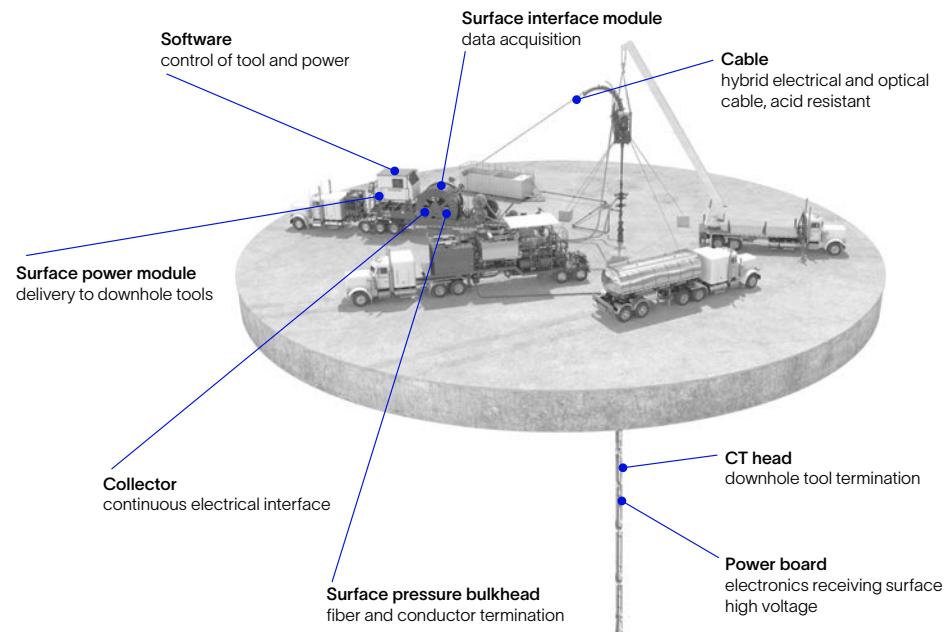
Coiled tubing interventions that require powered and fiber-optic downhole tools

Benefits

- Enables longer interventions; no need to pull out of hole to replace batteries
- Increases flexibility to use logging and other powered tools during CT interventions
- Improves interpretation depth and capabilities through uninterrupted flow of downhole data
- Simplifies rig-up by eliminating the battery BHA to reduce tool length
- Eliminates battery-management challenges such as cold weather de-passivation, shelf life, and HSE concerns related to lithium battery disposal

Features

- Monitoring and control software for toolstring power and operations
- Surface power module
- Continuous electrical interface between power unit and CT reel
- Surface bulkhead termination for optical fibers and conductors
- Downhole power management sub
- Hybrid electrical and fiber-optic cable inside the tubing



ACTive Power system extends the performance of CT downhole tools to improve operational efficiency, data delivery, and environmental footprint.

How it works

ACTive Power™ CT real-time powered downhole measurements system delivers continuous fiber-optic data and power from the surface through a hybrid cable in the tubing, eliminating the need for batteries to power downhole tools. The result is virtually unlimited downhole intervention operation time for powered tools—including logging tools—with real-time downhole data through fiber optics.

With fewer trips to the surface for battery replacement, operations become much more efficient. Downhole tools that were once used intermittently to avoid battery depletion can now be used continuously to improve data quality and interpretation for enhanced decision making and better operational performance. Having access to continuous power downhole expands the possibilities—now you can deploy new tools and perform operations that were once impossible because of battery limitations.

What it replaces

The ACTive Power system eliminates downhole lithium batteries, saving transportation and disposal requirements for dangerous goods and eliminating environmental risks such as accidental spills linked to broken or leaking batteries. Reducing trips to change batteries also eliminates unnecessary mechanical lifting, work near suspended loads, and other issues related to potential energy.

Eliminating the battery module simplifies rig-up for operations such as selective stimulation and perforating, which often have long BHAs.