

# Bench Tree Electronics Module (BTEM)

Product Sheet

Bench Tree's electronics module (EM) provides processing, communication, power and task management downhole.

It integrates Bench Tree's DPU2 downhole processing unit and DPS downhole power supply in a strong-back chassis, which helps provide intelligent processing, efficient power and durability.

- High-operating temperature: 175°C (347°F), 185°C (365°F)
- Industry-compatible drop-in replacement for QDT-style downhole electronics module
- Joints, bays, pin connections and communications protocols all meet standard MWD requirements
- Modular design reduces maintenance cost and time, while increasing integration flexibility
- Ruggedized and thoroughly tested
- Proven downhole reliability reduces downtime
- Offers the combined energy savings of the processors and power supply, providing longer battery life
- Patented instantaneous dynamic synchronization and mode change with flow and/or rotation status are available
- Provides real-time/continuous inclination with any compatible OM

