Tanktwo Smartpak Devkit allows engineers to discover the flexibility, reliability, serviceability, and cost-efficiency of the Tanktwo Battery Operating System (TBOS). Experience firsthand how to integrate software-defined batteries (SDBs) to lower R&D costs, shorten development cycles, and innovate without the constraints of existing battery technologies.

Instead of betting on a significant strategic decision after plowing through a stack of abstract technical documents, see TBOS in action to take the guesswork out of your purchasing process:

BUILT FOR EXPLORATION

This portable unit (~3kWh) is purpose-built for experimentation and evaluation purposes. It demonstrates TBOS's main functionalities and the potential of Tanktwo's ecosystem of hardware and software with key features equivalent to a comparable Smartpak.
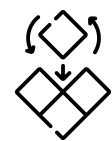
WIDE RANGE OF APPLICATIONS

While the Devkit uses the hardware and software of the Tanktwo Smartpak (best for low-volume, high-value equipment), the underlying logic also applies to our string cell ecosystem (best for high-volume commercial applications) and our bespoke custom solutions.

DESIGNED FOR SAFE EXPERIMENTATION

The Smartpak Devkit has moderated power output to help ensure the safety of personnel getting to know our technology. You can also request safety precaution recommendations from us. (Note: the unit can still produce lethal voltages and must be handled with caution.)

LESS FINE PRINT, MORE ACTION

We have the right degree of guardrail to protect everyone's interests. You can get started right away with a simple customer agreement and NDA. You'll also need engineering personnel with general power electronics, computer science, and Linux skills to use the Devkit.
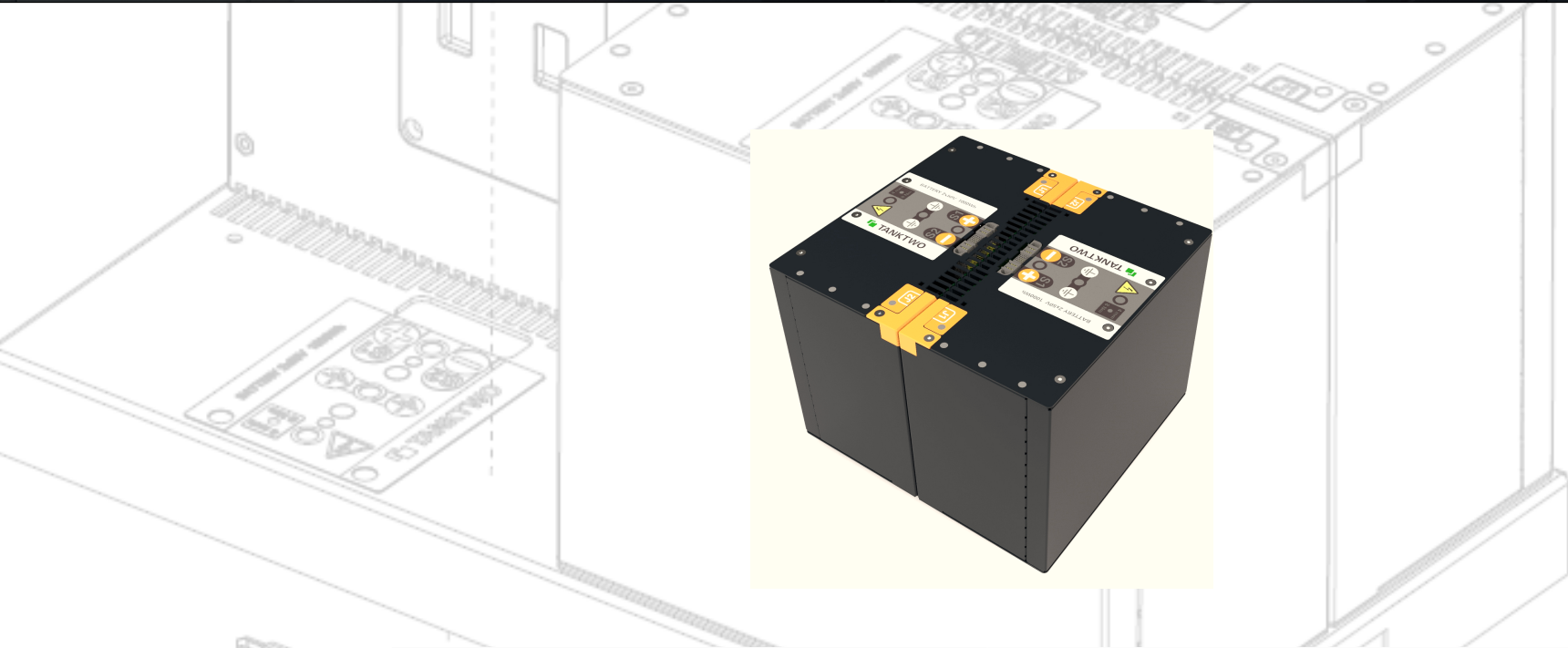
YOUR INTEGRATION SUPPORT, YOUR WAY

The budget-friendly package comes with basic customer support. You can purchase supplemental application engineering services for in-depth technical and integration guidance.
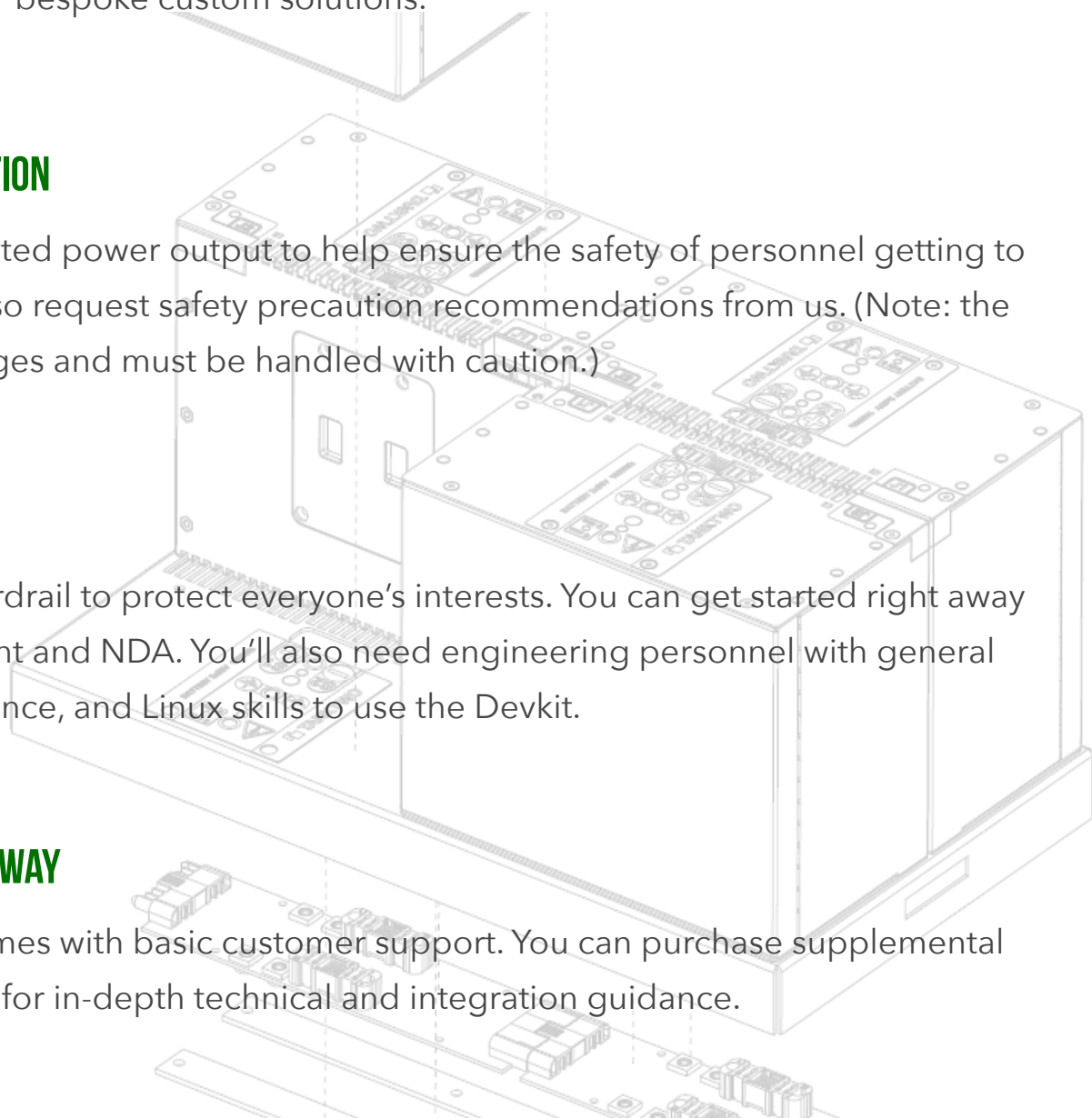
SMARTPAK DEVKIT CONFIGURATION

Configuration (2 T-Block modules)	2P
Nominal Voltage	Configurable 4-110V
Regulated Output Voltage Range	Nominal voltage ±2V
Number of T-Blocks	2
Capacity (Typ.)	3 kWh
Dimensions (H/W/D)	248x230x340 mm*
Weight	24 kg
Max Continuous Discharge Current	10A
Recommended Charge Voltage**	> 100V
Cell Type	Supports multiple chemistries
Interval for Storing Battery Data	Configurable
Cloud Storage for Cell dData	Yes

*T-Blocks can be connected in various ways to meet a application's dimensional requirements.

**Any voltage over 4 V can be used. Higher voltage will reduce charging time.