

TOOL CHARGING HUB

Continuous Onboard AC Power

KRAKEN POWER TOOL CHARGING HUB

PROBLEM

Apparatus Tools Are Not Being Fully Charged!

- 1 Firefighters are using more battery tools
- 2 Tool battery charge times require over 4-hours
- 3 Apparatus & shore power do not provide enough charging time
- 4 Shore power makes only charging 2,400watts. 3,400 watts needed for full charge

CHARGING POWER CONSUMPTION

RESCUE TOOLS



1,400 Watts

POWER TOOLS



1,400 Watts

PPV FANS



600 Watts

3,400 Watts

Needed for full tool charge

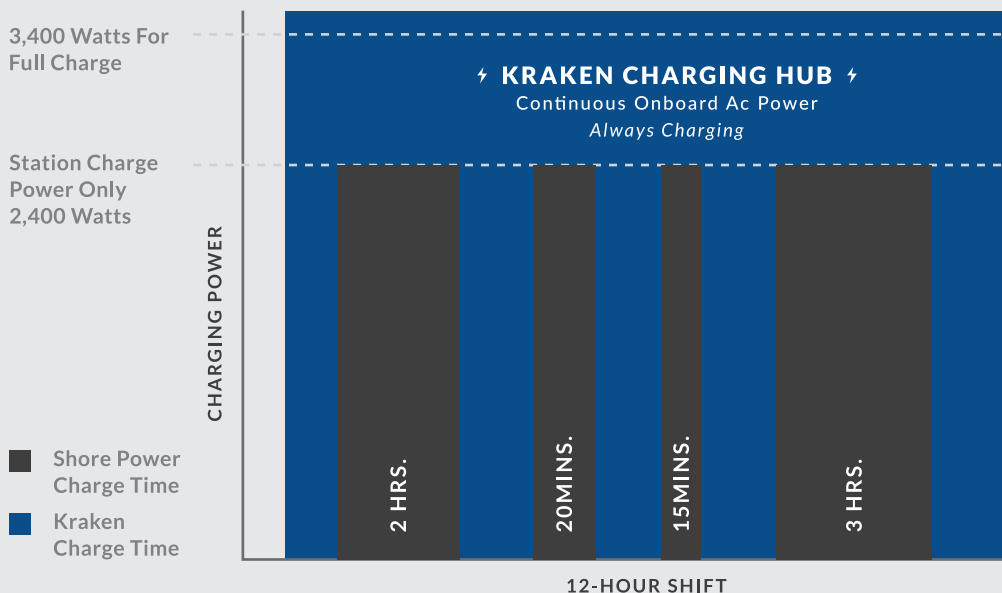
– 2,400 Watts

Available shore+truck charging

= **1,000 Watts**

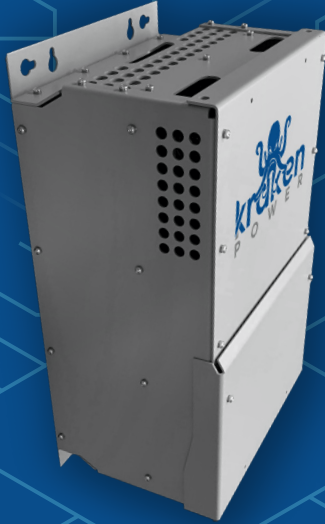
Additional power needed for full charge

TIME IN STATION = INCOMPLETE TOOL CHARGE



STATION & APPARATUS CHARGING CAN'T KEEP BATTERIES FULLY CHARGED

Firefighting shift schedules Don't allow enough time to Fully charge tool batteries. On board ac charging systems Are needed to keep tools fully Charged and mission ready!

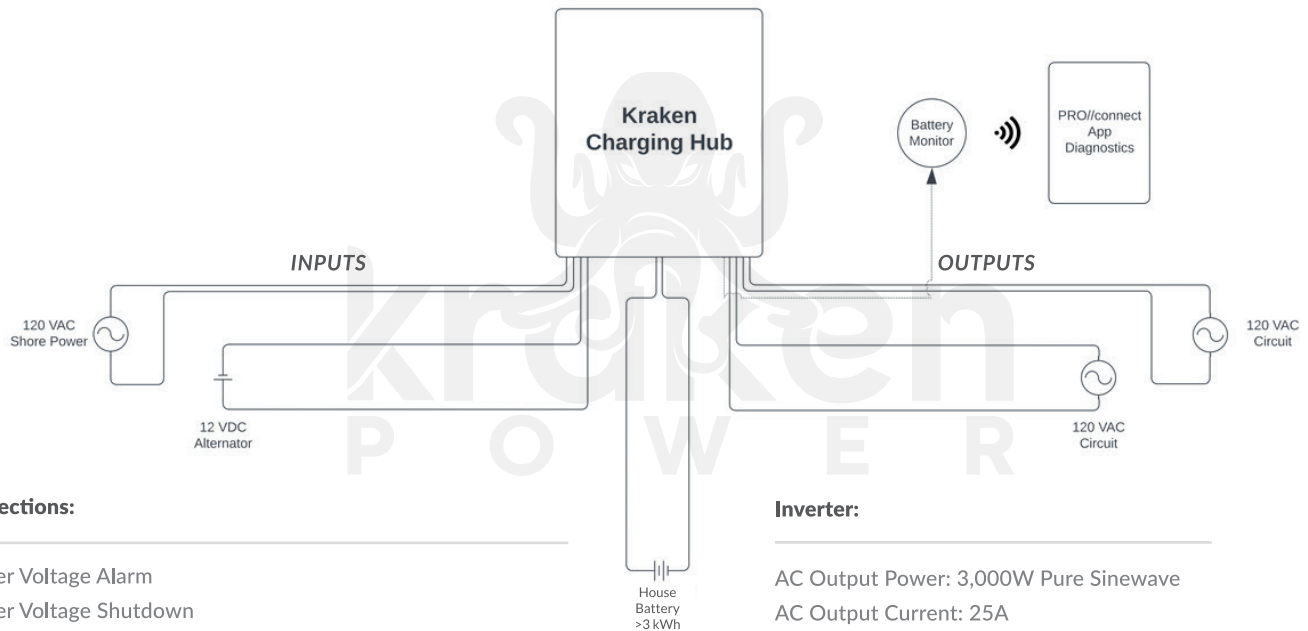


3,000 Watt Enclosed Power Module



Zero-Emission “Plug & Play” installation

Designed to simplify electrical design for apparatus which are equipped with the latest battery-powered tools. Favoring AC power for lower current at faster charge times, the charging hub takes AC input from inverter or AC shore power, to distribute to various battery chargers and AC outlets.



Protections:

Under Voltage Alarm
Under Voltage Shutdown
AC Output Circuit Panel included: 120 VAC Main + 2 Positions
Internal fuses to protect user and components

Monitoring:

Panel mount Battery Monitor, 2" Round
Panel mount Battery Disconnect Rocker Switch
PRO//connect Bluetooth Connectivity, Monitoring & Diagnostics

Battery Charging:

Shore Power: 100A MAX
Alternator: 50A
Configurable for Flooded / Gel / AGM / LiFePO4

Inverter:

AC Output Power: 3,000W Pure Sinewave
AC Output Current: 25A
AC Surge Power (Peak): 6,000W
Output Voltage/Frequency: 120 VAC / 60 Hz
Nominal Input Voltage: 12.8 VDC

AC Transfer Switch:

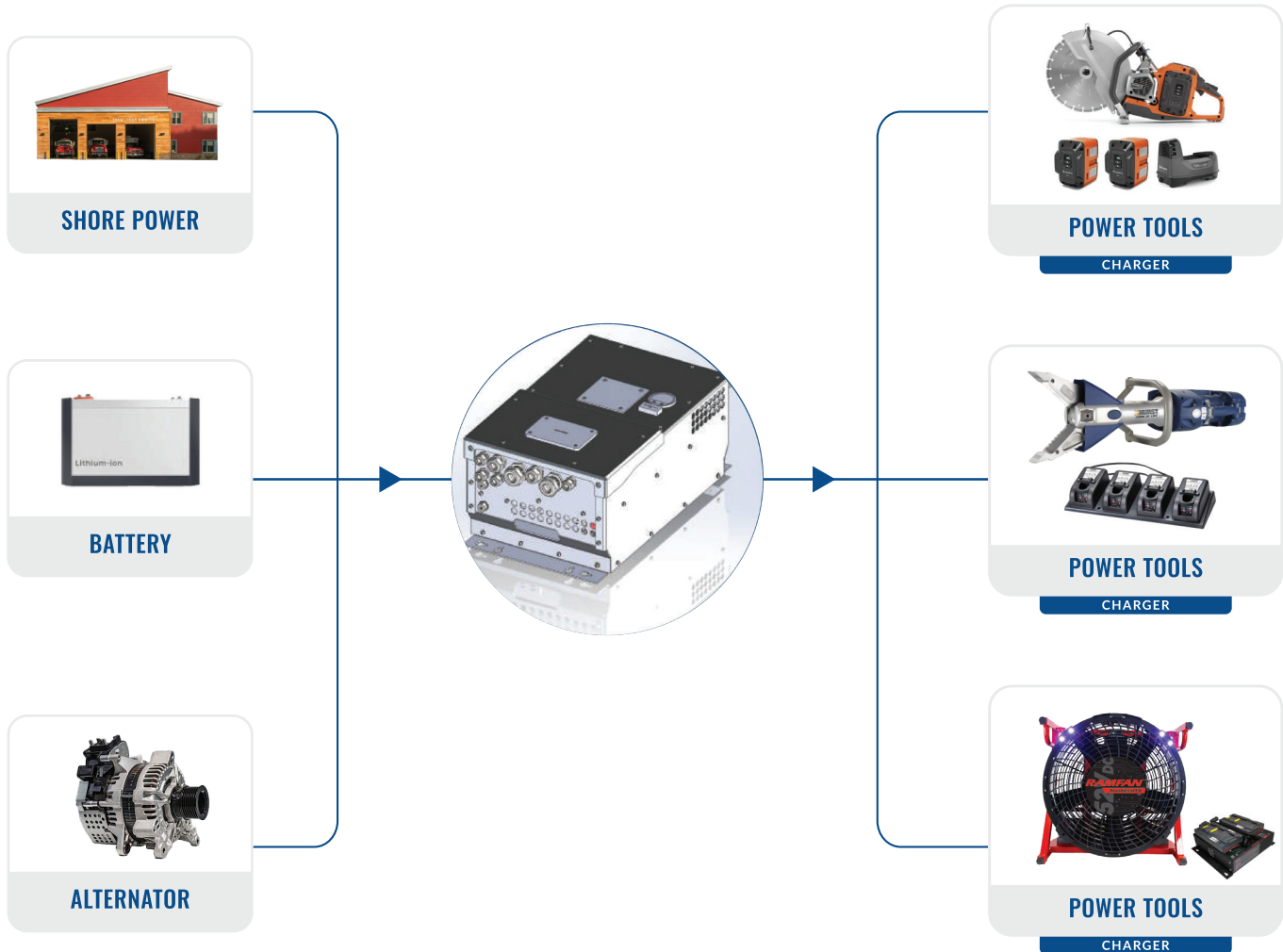
Transfer Time: < 30 ms
AC Input Source Setting: 15/20/30A
AC Output: 30A MAX

Dimensions:

11" L x 15" W x 25" H

KRAKEN POWER APPARATUS CHARGING HUB

KRAKEN CHARGING HUB PROVIDES CONTINUOUS ONBOARD AC POWER TO KEEP BATTERIES FULLY CHARGED



CHARGING HUB BATTERY MOUNTING KIT

PART NUMBER: KP-12VMOUNTINGKIT

To complement Kraken Power's Tool Charging Hub, the customized Battery Mounting Kit comes predrilled for quick mounting within the apparatus. Secure your batteries in their space with the Kraken Power Battery Mounting Kit.

**Batteries shown are available as an option.*

