

## T2SK33F8DQ (Kit)

Access & Power Integration Solution for Software House



Altronix T2SK33F8DQ kit consists of Trove2 enclosure, TSH2 Software House/Altronix backplane with one (1) 24VDC @ 6A and one (1) 12VDC @ 6A power supply/chargers and one (1) networked PTC access power controller.

This kit also accommodates various combinations of Software House boards for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T2SK33F8DQ

*Software House boards are not included*

### Key Features

- 24VDC and 12VDC power supply/chargers
- Accommodates the following Software House controllers: iStar Ultra GCM, iStar Ultra GCM G2, iStar Ultra ACM and iStar Ultra ACM G2 boards or iSTAR Pro GCM and iSTAR ACM SE/PRO ACM boards, as well as I8, R8, and I8-CSI boards
- Convenient knockout configuration:
  - One (1) single knockout 2.415" (2" Conduit)
  - Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- Supervision
  - AC Fail
  - Low Battery and Battery Presence
  - Low power shutdown
- CE European Conformity
- 16 gauge galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to four (4) 12VDC/12AH batteries
- Lifetime Warranty\*

*\*Altronix Power Supply/Chargers and Sub-Assemblies only*

**Specifications**

**Two (2) Power Supply/Chargers (eFlow6NB):**

**Input**

Voltage 120VAC, 60Hz, 3.5A max.  
 Input Fuse 5A/250V

**Outputs**

Voltage 12VDC or 24VDC selectable  
 Current 6A continuous max.  
 Auxiliary Power-limited @ 1A (unswitched)  
 Other Overvoltage protection. Filtered and regulated

**Battery Charging**

Capacity 12AH/12VDC (4 within enclosure)  
 40AH/65AH (requires separate enclosure)

Type Sealed lead acid or gel type  
 Failover Upon AC loss, instantaneous  
 Batteries are sold separately

**Fire Alarm Disconnect**

Supervised Latching or non-latching  
 EOL 10K Resistor

**Supervision**

AC Failure Form "C" contacts  
 Battery Form "C" contacts.

**Low DC Power Shutdown**

Shuts down DC output terminals if battery voltage drops below 71-73% for 12V units and 70-75% for 24V units (depending on the power supply). Prevents deep battery discharge

**Indicators (LED)**

Input 120VAC is present  
 DC Output Powered

**Network Power Distribution Module (LINQ8PDCB):**

**Input**

Voltage 24VDC from one eFlow6NB and 12VDC from another eFlow6NB

Input Fuses 15A/32V

**Outputs**

PTC protected outputs  
 Any of the eight (8) PTC protected power outputs are selectable to follow power Input 1 or Input 2  
 Individual outputs may be set to OFF position for servicing

Output PTCs: 2.5A

**Status Monitoring**

Power Supply output voltage and load, Voltage and load of each output  
 FACP trigger and reset status, Unit temperature (Celsius)  
 Power Supply AC and Battery status, Battery health

**Reporting:**

Windows Dashboard Alert messages  
 E-mail notifications, Event Log tracks history

**Indicators (LED)**

Bat Local Charging current status  
 FACP Triggered / Released  
 Input Input signal  
 Out1 - Out8 Output status

**T2SK33F8DQ Kit:**

**Agency Listings**

CE European Conformity

**Physical and Environmental**

**Dimensions (H x W x D)**

Enclosure:  
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)  
 Shipping:  
 32.5" x 26.5" x 11.125" (825.5mm x 673.1mm x 282.6mm)

**Weight (approx.)**

Product 54.3 lb. (24.6 kg)  
 Shipping 59.3 lb. (26.9 kg)

**Temperature**

Operating 0°C to 49°C (32°F to 120°F)  
 Storage - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.): 128 BTU/Hr.

**Access Controller Position Chart for the Following Models:**

Software House	Pem Mounting
iStar Ultra GCM	(A)
iStar Pro ACM, iSTAR ACM SE	(B)
iStar Ultra ACM	(C)
I8, R8 or I8-CSI	(D)



**Accessories** (order separately)



WM5

**WM5, WM25, WM100 - Magnetic Cable Tie Mounts**

Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



Mounting Magnet

**MM4, MM8, MM12, MM24 - Magnetic Mounting Solution**

Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.



BR1

**BR1 - Sub-Assembly Mounting Bracket**

Altronix BR1 mounting bracket is compatible with Altronix Maximal and Trove enclosures. It allows to mount one (1) PD4UL(CB), PD8UL(CB), ACM4(CB), MOM5, VR6, PDS8, NetWay5B or LINQ8PD(CB) sub-assembly on the enclosure's inside wall, saving valuable space.

Trove2BWC  
with  
batteries



Trove2BWC  
with  
wires



**TROVE2BWC - Battery/Wire Trough Enclosure**

Altronix Trove2BWC is a dual-purpose enclosure that can be used as wiring trough or battery cabinet when mounted above or below of the Trove2 integrated power and access solution. The knockouts on the Trove2BWC have been strategically placed to line up with the Trove2 allowing for easy conduit connections between cabinets. Trove2BWC includes cam locks and 2 tamper switches to ensure access to wiring and batteries is secure.

**Dimensions and Drawing**

Dimensions (H x W x D approximate)  
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)

