

UPS4 Battery Backup

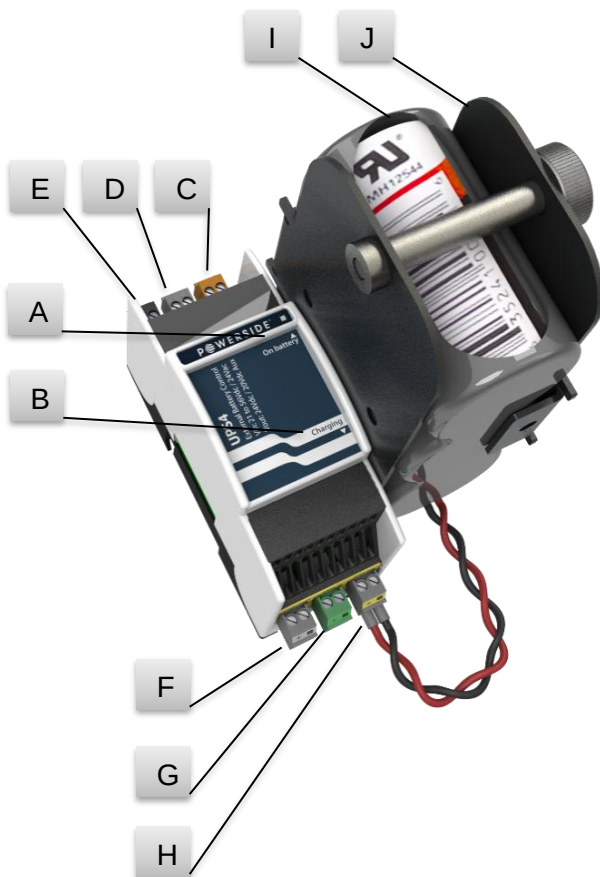
Extended Power Backup Package for use with PQ Edge®

Overview

Powerside's UPS4 Extended Power Backup Package is specially designed to operate with PQ Edge Power Analyzers. It is quick to install and safe to operate, making it the ideal accessory for powering the PQ Edge®.

Features

- Device provides backup for 30 minutes during a single outage
- Includes UPS on battery operation and charging LED indicators
- Allows backup optimization for multiple outage situations
- Provides an auxiliary supply to back up accessories rated at 20 Vdc, up to 5W



Reference Table

A	On Battery LED
B	Charging LED
C	20 Vdc Auxiliary Output Connector
D	24 Vdc Output Connector
E	24 Vac Input Connector
F	24 Vdc Output Connector
G	Stat Connector
H	XB1 Battery Pack Connector
I	XB1 Battery Pack
J	XB1D DIN Rail Mounting Bracket

Specifications

ELECTRICAL SPECIFICATIONS	
Input Rating	Voltage Range: DC: 24 Vdc to 48 Vdc +/- 10% AC: 24 Vac +/- 10%
Electrical Specifications – XB1 Battery Pack	Nominal Voltage: 6 Vdc 3 Lead Acid Cell Pack
Backup Power Duration	Up to 30 Minutes +/- 10%
Battery Capacity	XB1 – 2,500 mAh
Auxiliary Power	20 Vdc +/- 10%, 5W Max.

SAFETY / COMPLIANCE / CERTIFICATIONS	
Certifications	ROHS, WEEE This module is certified for use as an accessory with devices certified under cUL, UL, and IEC 61326-1
Transport Compliance	U.S. DOT (Hazardous Materials Regulations): Exempt from 49 CFR 173.159(f) and 49 CFR 173.159a IATA Dangerous Goods Regulations (DGR): Exempt from IATA Packing Instruction 872 and Special Provision A67.

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS	
Installation Environment	Temperature: -40°C to 65°C (-40°F to 167°F) Humidity: 5% to 95% RH Ingress Protection: IP20 Pollution Degree: 2 Operating Altitude: 2000 m
Storage Environment	Temperature: -40°C to 75°C (-40°F to 167°F) Must be stored in a vented environment
Dimensions	Module (No PQ Edge® Connector): 4.18 in X 1.43 in X 2.38 in (10.62 cm X 3.63 cm X 6.05 cm) XB1 + XB1D: 5.0 in X 2.6 in X 2.1 in (12.7 cm X 6.6 cm X 5.3 cm)
Weight	UPS4: Approximately 0.4 Lbs. (200 grams) XB1: Approximately 1.2 Lbs. (554 grams)

Order Information

UPS4 Battery Backup	
Product Name	Part Number
UPS4 (contains XB1 and XB1D)	UPS4-XBC-XXXX
XB1	BATTPACK-6V-2.5Ah-XB1-XX
XB1D	BATTBRKT-XB1-XX

Contact Us

Canada
7850 Trans-Canada Highway
Saint-Laurent (QC) H4T 1A5
1 (877) 333-8392

sales@powerside.com
powerside.com

United States
1320 Harbor Bay Pkwy, Suite 110
Alameda, CA 94502
1 (888) 736-4347



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