



Power Supply with Battery Backup Unit

EnerXBar 084-12A

Features

- All in One Design
- Simple and Stylish
- Plug and Play
- Changeable DC Tips
- Zero Transfer Time (0 ms)
- Peak Power Support (>160%@1ms)
- Long Backup Time
- Longevity

Applications

- Embedded System
- AIoT Devices
- Point of Sale (POS) Systems
- NAS System
- Docking Station

Specification

Product Name	EnerXBar 084-12A
Model Name	BBU0840-C200
Input Voltage Range	90Vac ~ 264Vac
Input Frequency Range	47Hz ~ 63Hz
Rated Output Voltage	12Vdc
Rated Output Current	7.0A
Output Voltage Regulation	12Vdc +/- 5%
Ripple & Noise	120mV
AC Mode Efficiency	> 84% @ 100% Load
Battery Mode Efficiency	> 94% @ 100% Load
Protections	OVP / OCP / OPP / OTP / SCP / Brown In / Brown Out
Battery Type	NCM Rechargeable Cell
Charge Mode	Constant Current (CC) & Constant Voltage (CV)
Standard Charge Current	0.55A
Typical Recharge Time	5~6 Hours Recover to 90% Capacity
Backup Time	> 28 Minutes @ Rated Full Load
Cell Type	18650
Cell Capacity	3350mAh
Battery Pack Energy	48Wh
Dimension	269.8 mm x 80 mm x 42.5 mm (LxWxH)
Safety	IEC 62368-1
EMC	EN 55032 Class B / EN 55035 / IEC 61000-3-X / FCC Part 15
UN/DOT (MSDS Type)	UN 38.3
Operation Temperature	0°C~35°C