

BBU400

Battery Backup Unit

Battery Backup Unit (BBU) for data center backup power, based on Skeleton's proprietary SuperBattery energy storage technology.

- Integrated DC/DC converter and battery management system (BMS)
- 400 VDC interface voltage, configurable during installation to +400 V or -400 V with reverse polarity protection
- Liquid-cooled
- Skeleton Technologies' patented Curved Graphene technology

Specifications

BBU400

Nominal output voltage	400 V DC
Nominal power	66 kW
Peak power	100 kW
Continuous power	60 kW
Backup time	45-90 seconds
Usable capacity	4.5 MJ (1.25 kWh at 40 kW)
Peak efficiency	97%
Isolation	Bus and energy storage not galvanically isolated
Mechanical installation	21" ORV3 rack, 3 OU high
Cooling	Liquid-cooled
Cell	Skeleton's D35 SuperBattery cell



Specifications

BBU Sidecar

Nominal power	800 kW
Usable capacity ¹	15 kWh
Peak power	1.2 MW
Backup time	45-90 seconds

¹ Dependent on the power, quoted value at 500 kW