

# TECHNICAL SPECIFICATIONS

## BATTERY PACK BEAM-BP



### MODELS

BEAM-BP External Battery Pack with Battery Adaptor <sup>1,2</sup>

| MECHANICAL | Battery Pack     | Battery Adaptor |
|------------|------------------|-----------------|
| DIMENSION  | 260 x 130 x 60mm | D-Cell Battery  |
| WEIGHT     | 1.7Kg            | 100g            |

### INPUT

WIRING Screw CLAMP (0.2 - 1.5 mm<sup>2</sup> / 24 - 16 AWG)

| SYSTEM POWER REQUIREMENTS           | Battery Pack                                                                                         | Battery Adaptor       |
|-------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| SUPPLY VOLTAGE                      | None                                                                                                 | 6V to 24V             |
| INTERNAL NON-RECHARGEABLE BATTERIES | Up to 8 x D-Cell Li-SOCl <sub>2</sub> 3.6V nominal voltage <sup>3</sup><br>Recommended capacity 19Ah | None                  |
| TYPICAL POWER OUTPUT                | 7.2V Max<br>1A Max<br>Fuse protected @ 2A                                                            | 3.8V Max<br>400mA Max |

### ENVIRONMENTAL CONDITIONS

|                       |              |
|-----------------------|--------------|
| OPERATING TEMPERATURE | -40 to +80°C |
| PROTECTION            | IP67         |

Notes:

1. Battery Pack does not include batteries, and cable extension to connect the Battery Pack to a Node.
2. Only supports Ackcio Beam Digital Nodes (BEAM-DG) for now. Support for other Nodes will be released soon.
3. Requires batteries to be in pairs (e.g., 2, 4, 6 or 8).



### Ackcio BEAM-BP

External view



### Ackcio BEAM-BP

Battery Adaptor



### Ackcio BEAM-BP

Inner view





## Ackcio BEAM-BP

How the Ackcio BEAM-BP is connected to an Ackcio Node



**DISCLAIMER:** Specifications are subject to change without notice. In no event will Ackcio be liable for indirect, incidental or consequential damages arising from the use of this document.



+65 6802 7392  
75 Ayer Rajah Crescent, #03-01/02,  
Singapore 139953

[linkedin.com/company/ackcio](https://www.linkedin.com/company/ackcio)  
[hello@ackcio.com](mailto:hello@ackcio.com)  
[www.ackcio.com](http://www.ackcio.com)



BEAM-TS-BP-2022-11