

## P323A Magpac Battery Pack

Part number	XB.885.165.00
Nature of product	Lithium-Ion Battery
<b>Performance:</b>	
Maximum stored energy <sup>1</sup>	5.96 kWh
Energy density	175 Wh/kg
Operating voltage	43.4 V to 59.2 V, 51.8 V nominal
Peak discharge/regen current <sup>2</sup>	130 A
Maximum discharge rate	50 A from 100 % to 0 % SoC
<b>Mechanical/installation:</b>	
Dimension (L x W x H)	352 mm x 243 mm x 301 mm
Mass	34 kg
Installation	M8 fasteners and/or mounting clamp on the base
<b>Ambient/environmental:</b>	
Standard operating temperature	-20 °C to 45 °C
Degree of protection, installed	IP67
<b>System control:</b>	
Control power	12V (10V to 15 V, 24V available on request)
Control interface	CAN
<b>ESS safety:</b>	UN38.3 <sup>3</sup>

### Configuration:



- Only use in MAGTEC approved systems
- Do not disassemble or mechanically modify
- Keep away from extreme heat
- Do not short circuit
- Do not connect in reverse polarity
- Recycle through MAGTEC's recycling scheme

<sup>1</sup>Specified with 0.3 C charge/discharge at 25 °C

<sup>2</sup>Maximum duration 10s, once per minute

<sup>3</sup>Testing in progress

[magtec.co.uk/magpac-battery-pack](http://magtec.co.uk/magpac-battery-pack)