

381167151 Internal	DATA SHEET	
Valid from: 27.11.2025	EPIC® BATTERY 120A MALE	

Description

- Reliable locking system provides security against disconnection of the plug connection under load as well as flexible maintenance options.
- Mechanical coding of the connector face and colour coding of the housing prevent incorrect insertion when connecting the battery (black colour for negative pole and red/orange for positive pole).



General Characteristics

Series	EPIC® BATTERY
Flammability Class according to UL 94	V-0
Protection (DIN EN 60529)	IP 67 (latched)
Pollution degree	III
Temperature range	-40°C to +125°C

Mechanical Characteristics

Cycle of mechanical operation	> 100
-------------------------------	-------

Electrical Characteristics

Rated voltage	1000 V DC
Rated current	120 A
Insulation resistance	10000 MΩ (Room temperature)

Materials and Surfaces

Housing	PA66+GF
Contacts	Copper alloy, silver-plated
Sealing	Silicone

Standards

UL 4128

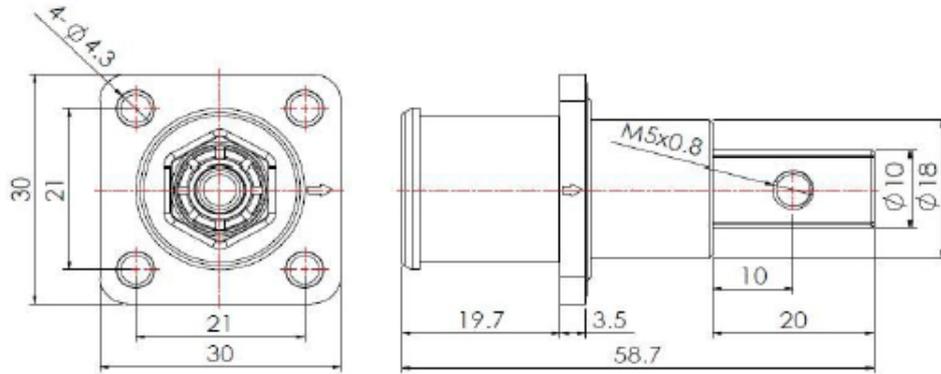
Article Number	Article	Colour / Coding
381167151	EPIC® BATTERY 120RB7RB01	Black / Circular
381167153	EPIC® BATTERY 120HR7RB01	Red / Hexagonal
381167155	EPIC® BATTERY 120HO7RB01	Orange / Hexagonal

AbN
automation

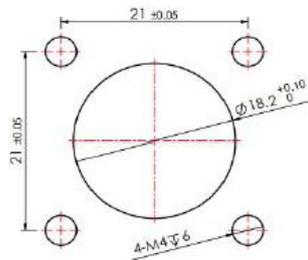
Creator: IVSE1/BU EPIC Released: THB01/BU EPIC	Document: DB381167151EN Version: 01	Page 1 of 2
---	--	-------------

381167151 Internal	DATA SHEET	
Valid from: 27.11.2025	EPIC® BATTERY 120A MALE	

Technical Drawings



Recommended opening size:



Solar Energy



Waterproof

Application range

For the front-side connection of battery modules within energy storage systems.

Product features

- 360° free rotation
- Protection against electric shock
- Anti misplug
- Push button unlocking

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

Creator: IVSE1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167151EN Version: 01	Page 2 of 2
---	--	-------------