



Product Service

CERTIFICATE

No. B 034962 0341 Rev. 00

Holder of Certificate: SynQor Inc.
155 Swanson Road
Boxborough MA 01719-1316
USA

Certification Mark:



Product: Rechargeable lithium-ion battery
Rechargeable Lithium-ion Battery Tray Module and
Assembly

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 72187729-000

Valid until: 2028-06-21

Date, 2023-06-26

(David Dorfner)



Product Service

CERTIFICATE

No. B 034962 0341 Rev. 00

Model(s): **SS1-UP10600-G/-A** and **SS1-UP10590-G/-A** (Tray Module)
BAT-0200-1U-[XXX] (Battery Assembly)

Brand Name: SynQor

Parameters:

| | |
|-----------------------|---|
| Rated Input Voltage: | 33.2 Vdc |
| Rated Input Current: | 1700 mA (Tray modules) 5100mA (Battery assembly) |
| Rated Output Voltage: | 29.6 VDC |
| Rated Output Current: | 3.5 Ah, 104 Wh (Tray modules) 10.5 Ah, 312 Wh (Battery assembly) |
| Ambient Temperature: | 0° to 45°C (charge) -20° to 55°C (Discharge) |

Model Information:

Models **SS1-UP10600-G/-A** and **SS1-UP10590-G/-A** battery tray modules are rechargeable Li-ion battery modules intended for assembly into a battery assembly. The configuration of the battery includes eight lithium-ion cells (Routejade, SLPB7543128HP2) connected in a 8S-1P configuration & equipped with a protective circuit module. Models SS1-UP10600-G/-A and SS1-UP10590-G/-A are identical except for the former model includes fast-ons. The tray modules will only be used in the battery assembly.

Model BAT-0200-1U-[XXX] battery assembly is a rechargeable Li-Ion battery assembly and is composed of 3 stacked battery tray modules. The configuration of the assembly includes three tray modules connected in a 3P configuration and enclosed in a metal enclosure. The total of 24 cells would give a 8S-3P cell configuration. The dimensions of the rechargeable Li-ion battery assembly are 213 by 353 by 37 mm.

The cell used, Routejade, SLPB7543128HP2, was evaluated to IEC 62133-2:2017/AMD1:2021.

IEC Type Reference Number **8ICP8/43/128** is considered equivalent to tray module models **SS1-UP10600-G/-A** and **SS1-UP10590-G/-A**.

IEC Type Reference Number **8ICP8/43/128-3** is considered equivalent to assembly model **BAT-0200-1U-[XXX]**.

Tested according to: EN 62133-2:2017/A1:2021
IEC 62133-2:2017
IEC 62133-2:2017/AMD1:2021