

BP-SUC-D

Supercap packs (DIN rail)

- ✓ Storage medium for DIN rail UPS systems
UPSI-1208D and UPSI-2406D
- ✓ Ruggedly constructed DIN rail version
- ✓ Technology based on
Electric double-layer capacitors (Supercaps)
- ✓ Output power up to 100 W or 140 W
- ✓ High extended temperature range -20...+70 °C



NEW



Technical data	
Nominal capacity	100 F
Technology	EDLC (Electric double-layer capacitors) – Supercaps
Life cycles	>500.000
Temperature	Operating: -20...+70 °C / Storage: -20...+70 °C
Communication	SMB

Product specific data				
P/N	BP-SUC-1011D	BP-SUC-1020D	BP-SUC-1615D	BP-SUC-2120D
UPS version	UPSI-1208D	UPSI-1208D	UPSI-2406D	UPSI-2406D
Nominal voltage	10.4 VDC	10.4 VDC	15.6 VDC	20.8 VDC
Number of used cells	4 cells à 2.6V (serial)	8 cells à 2.6V (serial and parallel)	6 cells à 2.6V (serial)	8 cells à 2.6V (serial)
Energy	1100 Joule useful	2000 Joule useful	1500 Joule useful	2000 Joule useful
ESR	10 mΩ	10 mΩ	10 mΩ	10 mΩ
Charge voltage	10.4 VDC	10.4 VDC	15.6 VDC	20.8 VDC
Charge current	4 A max.	4 A max.	3 A max.	3 A max.
Discharge current	17 A max.	17 A max.	18 A max.	18 A max.
Fuse	Blade mini fast, 20A/32V	Blade mini fast, 20A/32V	Blade mini fast, 20A/32V	Blade mini fast, 20A/32V
Dimensions (WxDxH)	63x100x120 mm ±0.5 mm	63x100x120 mm ±0.5 mm	63x100x120 mm ±0.5 mm	63x100x120 mm ±0.5 mm
Weight (net)	310 g	400 g	350 g	400 g

Nominal backup time, measured at +21 °C			
	50 W	100 W	140 W
BP-SUC-1011D	~ 20 sec	~ 8 sec	–
BP-SUC-1020D	~ 40 sec	~ 16 sec	–
BP-SUC-1615D	~ 29 sec	~ 14 sec	~ 10 sec
BP-SUC-2120D	~ 39 sec	~ 19 sec	~ 14 sec

Back up time depends on battery capacitance, load and temperature.

DC UPS

Drawing BP-SUC-D

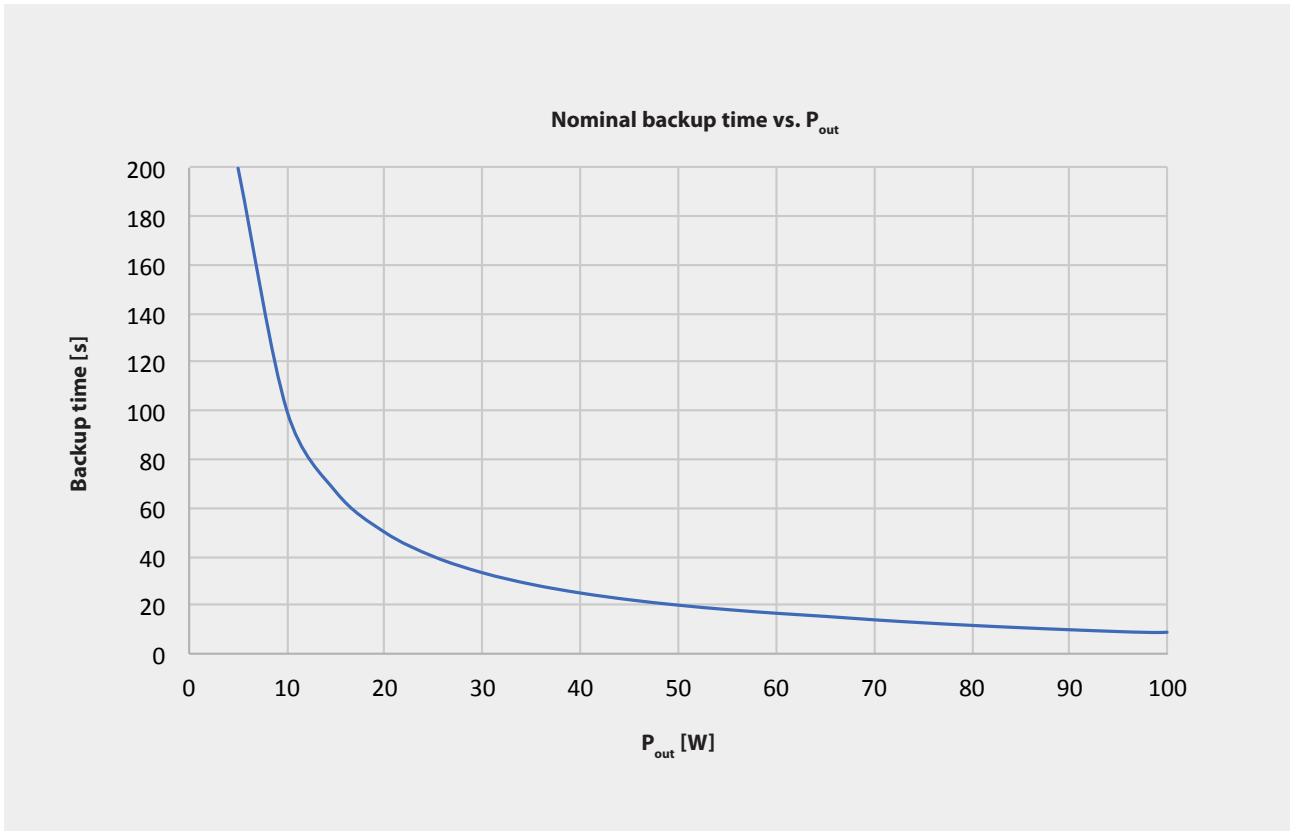
Tolerance ± 0.5 mm

Safety information

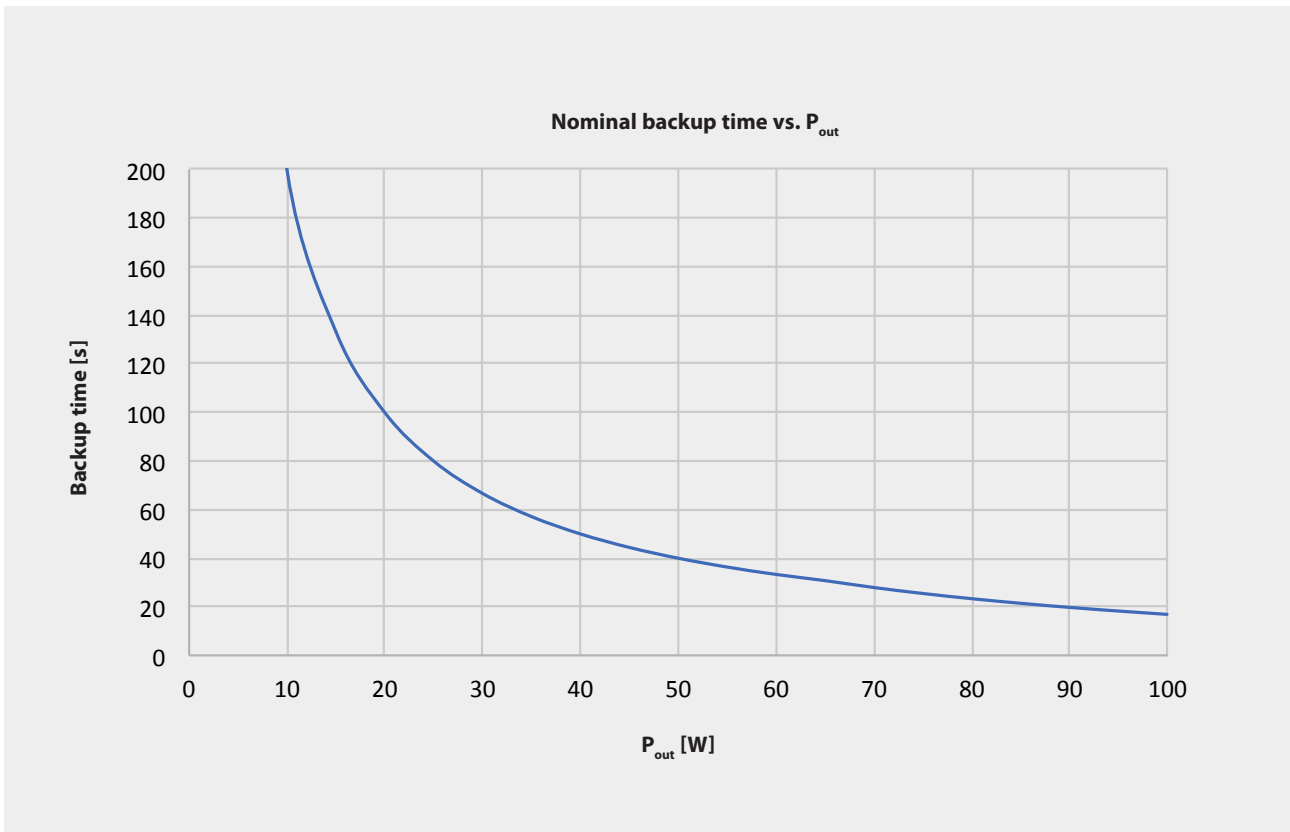


The correct and proper operation of the battery pack is only constituted by using a BICKER UPSI-1208 or UPSI-2406. Please consider to each country's own regulation about recycling and disposal of used batteries etc. in hazardous waste or resending to any recycling organization. The battery pack should not be exposed to fire, immersed under water, soldered, opened, short-circuited, reversed or overheated. During storage the battery pack should not be exposed to temperatures outside the specification and should not be pushed too heavy and not exposed to high pressure. Do not swallow any parts of the battery pack.

Backup time BP-SUC-1011D

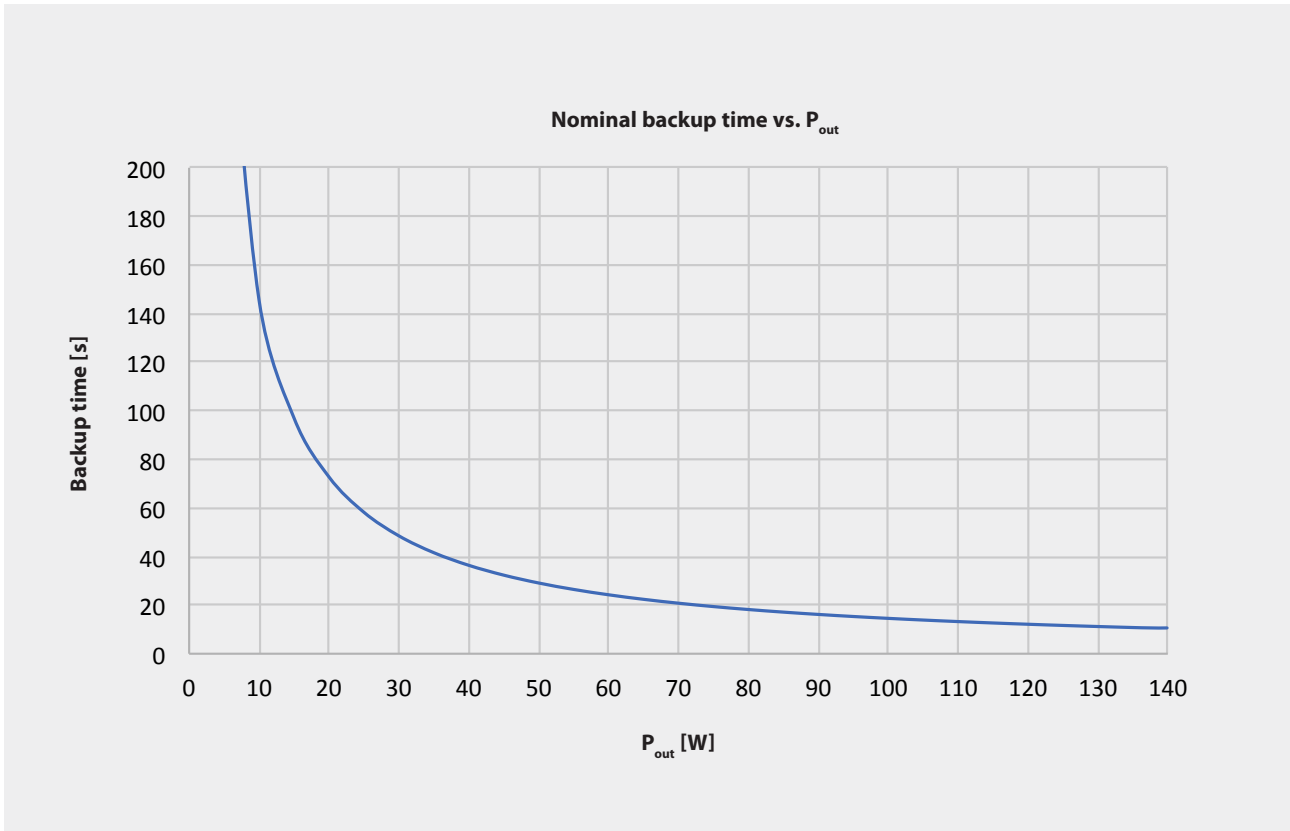


Backup time BP-SUC-1020D

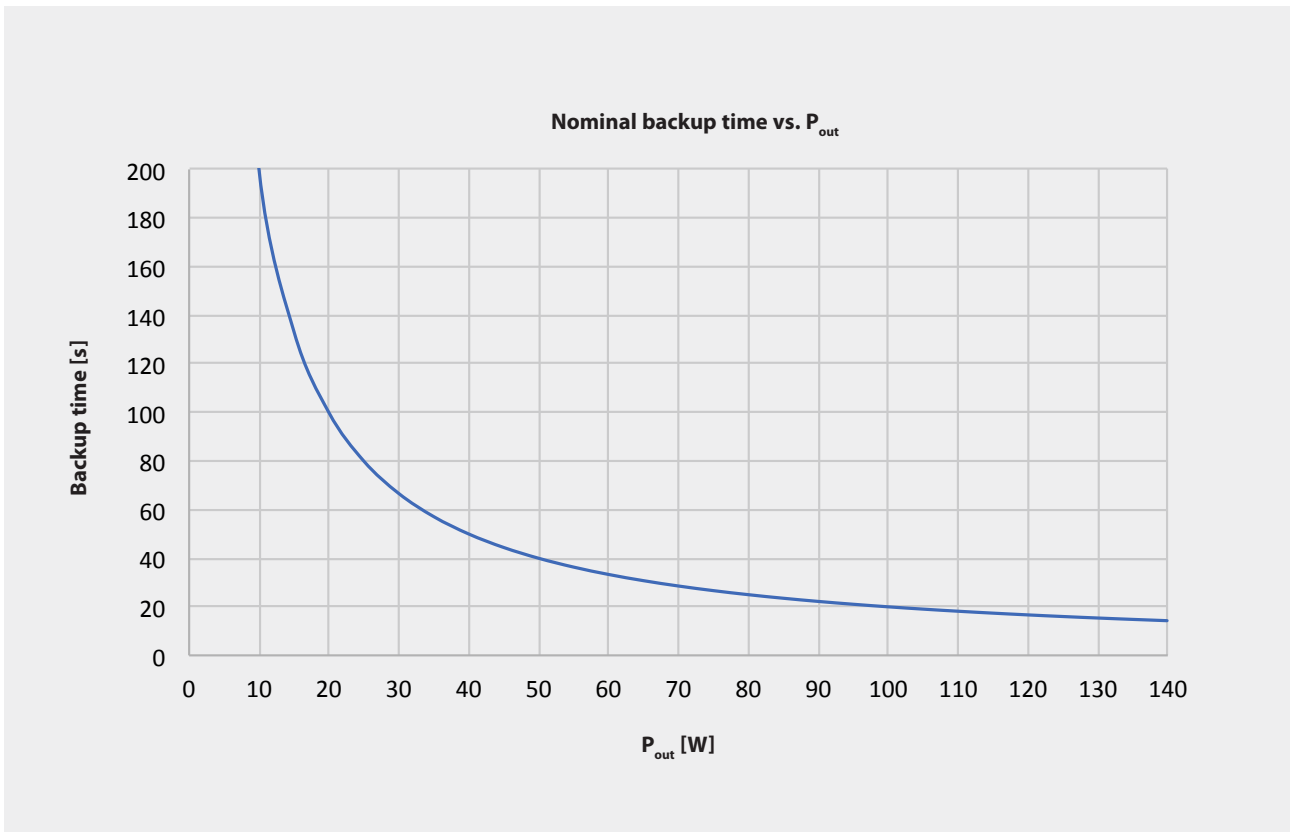


DC UPS

Backup time BP-SUC-1615D



Backup time BP-SUC-2120D



Specification is subject to change without notice. Errors excepted. Status as at: 26.01.2018

DC UPS