

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. S 05-1310-EN197

Approval date 16/11/2016
Approved by GM Technical Standards
Report no. TAR 05-1310-EN197
Report date 13/10/2016

This certificate is issued to

Supplier Enersys Australia Pty Ltd
46 Egerton St, Silverwater
NSW, Australia 2128

In respect of

Manufacturer Enersys
Product description SuperSafe SBS EON Battery Range
Item identification Refer to Approved Item List.
Application ARTC Network Wide
Relevant Standards SPS 02 Environmental Conditions
ESD-09-01 Signalling Power Systems

Conditions of Approval

1. Only to be used with a battery charger suited for Valve Regulated Lead Acid (VRLA) batteries and for the size of battery and standing load.
2. Battery connectors to be used as per type approved list – refer battery connectors (Figure 1)
3. No smoking in the proximity of the battery is allowed
4. Personnel Protective Equipment (PPE) must be worn whenever handling the batteries (gloves, glasses etc).
5. Batteries must be installed away from direct sunlight, in clean locations with ventilation.
6. Mechanical aids to be used when moving heavier battery cell packs.
7. Only water to be used to clean the battery surfaces.
8. Wire brushes must not be used to clean terminals, only soft non-metal brushes are allowed.
9. Life expired batteries are only to be disposed of through a battery recycling organisation.
10. Periodic maintenance shall be carried out in accordance with

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Service Schedule SC09120100 – 'Battery Supply DC No Break'.

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid updated certificate.

Note/Comments None

Issue date

Expiry date N/A

Issued by


John Furness
ARTC Manager Standards

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Approved Item List – Enersys – PowerSafe SBS EON battery range

Battery Type	Capacity (Ah)	Voltage	Dimensions (mm) LxWxH	Weight (kg)	Connector Part No.	Comments
SBS B14	62	12	280x97x264	19.1	2205-8919	Adapter kit required to covert to Front Terminal batteries
SBS B14F	62	12	280x97x264	19.1	2205-8891	
SBS C11	92	12	15.6x105x264 6	28.0	2205-8919	
SBS C11F	92	12	16.4x105x256	28.0	2205-8891	
SBS 100	100	12	395x108x287	32.6	2205-8750	Front Terminal batteries
SBS 100F	100	12	395x108x287	32.6	2205-8749	
SBS 170F	170	12	561x125x283	52.5	2205-8769	
SBS 190F	190	12	561x125x316	60.0	2205-8769	
SBS 410	410	2	200x208x239	23.2	2205-9887 (A) 2205 - 9887 (B)	Top Terminal batteries
SBS 320	320	2	103x206x403	20.0	N/A	
SBS 400	400	2	124x206x403	24.0	N/A	
SBS 480	480	2	145x206x403	28.0	N/A	
SBS 580	580	2	124x206x520	33.0	N/A	
SBS 680	680	2	145x206x520	38.5	N/A	
SBS 780	780	2	166x206x520	44.0	N/A	
SBS 900	900	2	145x206x695	50.0	N/A	

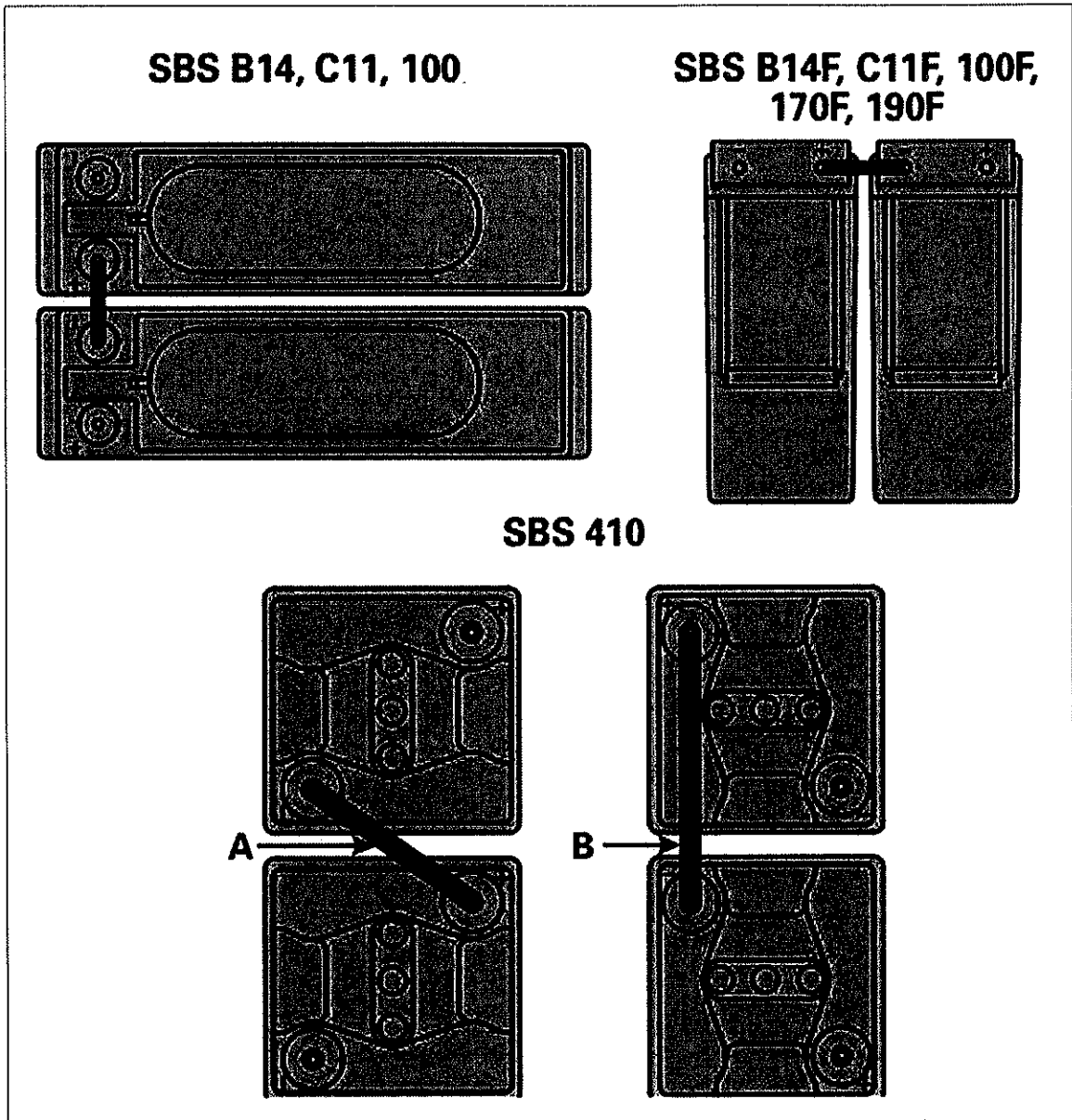


Figure 1 - Battery connectors