

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. NESA-S020

Version No. 1.0

Approval date 3/02/2020
Approved by GM Technical Standards
Report no. NESA-S020 (V1.0)
Report date 13/12/2019

This certificate is issued to

Supplier **Eltek Australia Pty Ltd**
1/22 Narabang Way,
Belrose, NSW 2085

In respect of

Manufacturer Eltek Australia Pty Ltd
Product description Eltek Uninterruptable Power Supply with Rectifier
Item identification See approved item list.
Application ARTC Hunter Region (6 months Trail Only)
Relevant Standards SPS02 Environmental Conditions
SPS 05 Electrical & Electronic Components (Ratings * Construction Requirements)

Conditions of Approval

1. For 6 months trial from the date of installation only.
2. For use in accordance with ARTC specification SPS02 Environmental Condition, SDS 25 - Standard Typical Circuits, ESD-03-02 Level crossing Predictor Design Certification & Test, SCP 04 – Lightning and Surge Protection requirement for Electronic equipment subject to Category C exposure and ESC-11-01 – Construction of cable route and Associated Civil Works.
3. Only components from Approved List may be utilized.
4. Equipment shall not be used where environmental temperature is greater than 55°C.
5. Only to be used in accordance with standard design drawings.
6. Only type approved module hardware and versions of software/firmware, may be used on ARTC's network.
7. Test Certificates are to be retained/stored by the manufacturer/supplier for a period of not less than seven years and made available upon request.
8. This certificate will supersede existing type approval S-05-12-6-172.

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

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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 certificate.

Note/Comments

NIL

Issue date

3/02/2020

Expiry date

6 months from commissioning

Issued by

Mayank Jain

Mayank Jain

Manager Signalling Standard ARTC

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Approved Item List:

| Part No/ Catalogue No | Type Description | Firmware/Software Version | Condition of use |
|---------------------------|---|------------------------------|--|
| 120V IN/OUT SYSTEM | | | |
| A112396.000 | SysUPS, 3kVA Eltek 600W*600D*2100H 120VIN/OUT with SP2 Controller | N/A | UPS System for use in equipment housing classified in range A1 to B1 only |
| | SysUPS, 6kVA Eltek 600W*600D*2100H 120VIN/OUT with SP2 Controller | N/A | |
| A112458.000 | SysUPS, 9kVA Eltek 600W*600D*2100H 120VIN/OUT with SP2 Controller | N/A | |
| | SysUPS, 12kVA Eltek 600W*600D*2100H 120VIN/OUT with SP2 Controller | N/A | |
| 240V IN/OUT SYSTEM | | | |
| A112459.000 | SysUPS, 3kVA Eltek 600W*600D*2100H 240VIN/OUT with SP2 Controller | N/A | UPS System for use in equipment housing classified in range A1 to B1 only |
| | SysUPS, 6kVA Eltek 600W*600D*2100H 240VIN/OUT with SP2 Controller | N/A | |
| | SysUPS, 9kVA Eltek 600W*600D*2100H 240VIN/OUT with SP2 Controller | N/A | |
| | SysUPS, 12kVA Eltek 600W*600D*2100H 240VIN/OUT with SP2 Controller | N/A | |
| Rectifier | | | |
| 241123.100 | Rectifier 230/1500 48/1200 | | For use with Lead Acid Batteries only |
| Other Items | | | |
| 242100.500 | SmartPack2 (SP2) Master | N/A | |
| 242100.601 | SmartPack2 (SP2) Industrial Basic | N/A | |
| 242100.510 | SmartPack2 TOuch | N/A | |