

Certificate No. S 05-1206-172

Approval date 28/04/2016
Approved by GM Technical Standards
Report no. TAS 02-1206-EK-172
Report date 03/07/2015

This certificate is issued to

Supplier Eltek
Unit 1, 22 Narabang Way, Belrose
NSW, Australia 2085

In respect of

Manufacturer Eltek
Product description Uninterruptable Power Supplies (UPS)
Item identification Refer to Approved Item List.

Application ARTC Network Wide
Relevant Standards SPS 02 Environmental Conditions
SPS 05 Electrical & Electronic Components (Ratings & Construction Requirements)
SPS 11 Light Signals

Conditions of Approval

1. A supply of INV211 Inverters must be stocked by Eltek within Australia to enable quick dispatch to ARTC in the event of a failure experience of the INV211 module.
2. For use in accordance with ARTC specification SPS02 Environmental Conditions, SDS 25 standard typical circuits, ESD-03-02 Level Crossing Predictor Design Certification & Test, ESD-03-01 Level Crossing Design, SCP 04 'Lightning and Surge Protection Requirements' 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 utilised. Eltek to directly label each module with the corresponding part number, serial number and version date.
4. Only type approved module hardware and versions of software/firmware, may be used on ARTC's network.

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

5. Equipment shall not be used where environmental temperature is greater than 55°C.
 - a. Derating of INV222 inverters shall begin from 40°C with a maximum operating temperature of 55°C.
 - b. Derating of rectifier shall begin from 55°C with a maximum operating temperature of 75°C.
6. Rectifier suitable for use with NiCad & Lead Acid batteries only.
7. Only to be used in accordance with standard design drawings.
8. 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.

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 NIL.

Issue date

Expiry date

Issued by

John Furness 
ARTC Manager Standards

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Approved Item List - Certificate No. S 05-1206-172

Catalogue No.	Type Description	Firmware/ Software Version	Conditions of Use
120V IN/OUT SYSTEM			
A141082.000	SysUPS, 3kVA Eltek 600WX600DX1800H 120VIN/OUT WITH SP2 Controller	N/A	UPS System for use in equipment housing classified in range A1 to B1 only.
A141083.000	SysUPS, 6kVA Eltek 600WX600DX1800H 120VIN/OUT WITH SP2 Controller	N/A	
A141084.000	SysUPS, 9kVA Eltek 600WX600DX1800H 120VIN/OUT WITH SP2 Controller	N/A	
A141085.000	SysUPS, 12kVA Eltek 600WX600DX1800H 120VIN/OUT WITH SP2 Controller	N/A	
240V IN/OUT SYSTEM			
A141091.000	SysUPS, 3kVA Eltek 600WX600DX1800H 240VIN/OUT WITH SP2 Controller	N/A	UPS System for use in equipment housing classified in range A1 to B1 only.
A141092.000	SysUPS, 6kVA Eltek 600WX600DX1800H 240VIN/OUT WITH SP2 Controller	N/A	
A141093.000	SysUPS, 9kVA Eltek 600WX600DX1800H 240VIN/OUT WITH SP2 Controller	N/A	
A141094.000	SysUPS, 12kVA Eltek 600WX600DX1800H 240VIN/OUT WITH SP2 Controller	N/A	
RECTIFIER/ INVERTERS¹			
241115.705	48VDC 2000W Rectifier System (FP2 HE 2000W/48VDC)	404221.009-3.00 (Primary DSP Board) 404213.009-2.00 (Secondary DSP Board)	For use with NiCad or Lead Acid Batteries only
501-011-505.2.129	Inverter (INV211/1.125KVA)	01.53/1.05	For use in equipment housing classified in range A1 to B1 only.
501-022-515.2.00	Inverter (INV222/2.25KVA)	01.53/1.05	For use in equipment housing classified in range A1 to B1 only.
OTHER ITEMS			
242100.500	SmartPack2 (SP2) Master	N/A	
242100.601	SmartPack2 (SP2) Industrial Basic	N/A	
880-HBS-7.01	Manual ByPass Switch (3KVA System)	N/A	
880-HBS-12.5	Manual ByPass Switch (6KVA System)	N/A	
880-HBS-30.0	Manual ByPass Switch (9KVA & 12KVA System)	N/A	

¹ System configuration (A141082.000-A141094.000) includes: 19" Rack, Manual Bypass Switch, Surge Protection, Circuit Breakers, Fan, Controller Display, SmartPack2 Master and Slave Controllers, along with associated terminals and cabling. Rectifiers and inverters to be added based on the system configuration required.

