

Certificate No. NESA-S089

Version No. 1.0

Approval date 8 June 2022

Approved by Acting GM Technical Standards

This certificate is issued to

Supplier GenZ Energy, 1/21 Oxleigh Dr, Malaga, WA, 6090

In respect of

Manufacturer GenZ Energy, 1/21 Oxleigh Dr, Malaga, WA, 6090

Product description GenZ Lithium Ion Battery System

Item identification

Part Number	Description
GC48V-040LFP-2RU-M	Lithium Ferro Phosphate (LFP) – 40Ah
GC48V-060LFP-2RU-M	Lithium Ferro Phosphate (LFP) – 60Ah

Application ARTC Network wide

Relevant Standards ESD-09-01 – Signalling Power System
ESD-09-02 Solar Power Supply Systems
SPS 02 – Environmental Condition

Conditions of Approval

1. Only components listed shall be utilised.
2. Personal Protective Equipment (PPE) must be worn whenever handling batteries.
3. Mechanical aids should be used when moving batteries to reduce the likelihood of WHS incidents.
4. Installation to be in accordance with manufacturer's requirements.
5. Designer to use the suitable charger for the battery.
6. Life expired batteries are only to be disposed through battery recycling organizations.
7. To be installed in the location with maximum temperature up to 50 degrees.

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 certificate.



NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Note/Comments

NIL

Issue date 08/06/2022

Issued by

Manager Signalling Standard ARTC