

Certificate No.	NESA-S087	Version No. 1.0
Approval date	27 April 2022	
Approved by	A/GM Technical Standards	
<i>This certificate is issued to</i>		
Supplier	Sunpower Suite 207/28 Riddell Pde Elsternwick VIC 3185	
<i>In respect of</i>		
Manufacturer	Maxeon USA, 1 Nth Market St., Suite 200, San Jose, CA95113, USA	
Product description	SunPower Solar Panels	
Item identification	See list of approved items	
Application	ARTC Network wide	
Relevant Standards	IEC 61215-1 - Terrestrial photovoltaic (PV) modules – Design qualification and type approval IEC 61730-1 - Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction ESD-09-02 Solar Power Supply Systems SPS 02 – Environmental Condition	
Conditions of Approval	<ol style="list-style-type: none"> 1. For use in accordance with ARTC and applicable Australian standards. 2. Project to ensure that solar power system solution has been agreed with local signal engineers and business unit. 3. Project to ensure that reliability, availability and maintainability of the proposed application is similar or better than the existing power supply arrangement. 4. Manufacturer to provide the update to ARTC about any issues which impacts safety, reliability or maintainability issues. 5. Designer to ensure that product is fit for purpose when using it on ARTC network to provide the SFAIRP design. 6. Designer to ensure that product will be supported by manufacturer/supplier for its intended design life. 7. Designer to ensure that solar power design and calculation are as per Australian standards. 8. Designer should minimise the single point of failure in the design and ensure no new risks are being introduced which may result in train delays or safety of train operations. 9. Installation, commissioning and servicing shall be carried out as per manufacturer recommendation defined in the technical manual and applicable ARTC standard and practices. 10. Only items listed in approved items list shall be utilised. 11. Mechanical or lifting aids to be used when installing or moving the solar panels to reduce the WHS risk. 	

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

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.

Note/Comments

NIL

Issue date 27/04/2022

Issued by

Manager Signalling Standard ARTC

List of Approved Items:

Description
SunPower Performance 3 COM range
SunPower Performance 3 UPP range
SunPower Performance 6 range
SunPower Maxeon 3 range