



Risk Assessment

Equipment / activity: Instagrid ONE
3600W 2074Wh Portable Power Station

Date: 01/01/2025 - 31/12/2025

Hazard	Who is at risk?	Possible effects/harm	Likelihood (high, medium, low)	Evaluation & Control Measures	Revised risk rating (high, medium, low)	Are there adequate control measures in place?
Loading, handling and transportation of equipment	Operator	Injury	Medium	All staff to be trained in manual handling. Manual handling to be reduced to a minimum by use of trolleys/lifts. Loads to be properly secured. Where required, multiple persons must handle equipment.	Low	Yes
Installation of equipment on site	Operator, spectator, participants	Injury / electric shock to operator, spectators or participants. Damage to venue.	Low	Operator must have clear, unhindered access to the setup area. Setup area to be clear and free from debris. Pre setup checks on equipment to check for damage. Equipment to be set up away from sources of water.	Low	Yes

Ground type	Operator, spectator, participants	Injury to operator, spectators or participants.	Low	Equipment to be installed and operated on a hard standing	Low	Yes
Electricity and cabling	Operator, spectator, participants	Electric shock, trip, slip	Medium	Item requires access to 13 amp plug socket. Power source should be no more than 25m away from equipment. All cabling to be covered where required and routed away from walkways etc. All electrical components to be regularly checked and covered by a PAT test.	Low	Yes
User safety	JM Staff, organisers	Injury due to misuse of equipment	Low	Only trained staff to operate the equipment.	Low	Yes
Heat	Organiser.	Injury to spectators or participants.	Low	The equipment should not be set up near any sources of heat or naked flames.	Low	Yes
Weather	Organiser, spectator,	Electric shock	Low	The equipment should only be used in a dry environment, away from any sources of water/ humidity/ cold.	Low	Yes

Risk rating

High

For example:

- fatality possible to one or more individuals however infrequent
- major injury to few individuals occurring frequently
- likelihood of long term muscular-skeletal problems affecting significant numbers of staff

Immediate action required

Medium

For example:

- major injury to one/few individuals occurring infrequently
- likelihood of long term muscular-skeletal problems affecting some staff. Requires attention as soon as possible

Low

For example:

- minor injury occurring infrequently to few staff.
Not a priority, may need attention if not as low as reasonably practicable.