Operating Manual

HYPERION™
A Meech Innovation

Hyperion IonCharge30 25W
Static Generator

Contents

1. Safety instructions

Before using this product, read the following safety and operating notes to ensure your own personal safety and to help protect your equipment. Failure to do so could result in injury. Connected equipment may require additional safety instructions. Observe all safety instructions for additional equipment before operating.

1.1. Definition of safety warnings & symbols

Safety and operating notes found in the document will be supplemented with the following warnings and symbols.

Safety warnings	**Caution**	A low-risk hazardous situation where minor or moderate injury can occur.
	Notice	A low-risk hazardous situation where damage to the equipment & products can occur.
Symbols	**General hazard** 	This symbol draws attention to a hazardous situation.
	Electrical shock 	This symbol draws attention to the risk of electrical shock.
	Notice 	This symbol draws attention where instructions must be followed.
	Referral 	This symbol instructs the reader to consult to a separate information source.

1.2. General safety

Before setting up the equipment:

- Read the operating instructions carefully and ensure you understand how to correctly use the equipment.
- Installation & testing must only be completed by suitably qualified personnel.
- Inspect the working environment and ensure it is clean and clear of hazards before removing equipment from packaging & product installation.
- Visually check all equipment for damage. If damaged, contact your local Meech representative before continuing.
- Always keep a copy of the operating manual close to the system to refer to.

1.3. Electrical safety

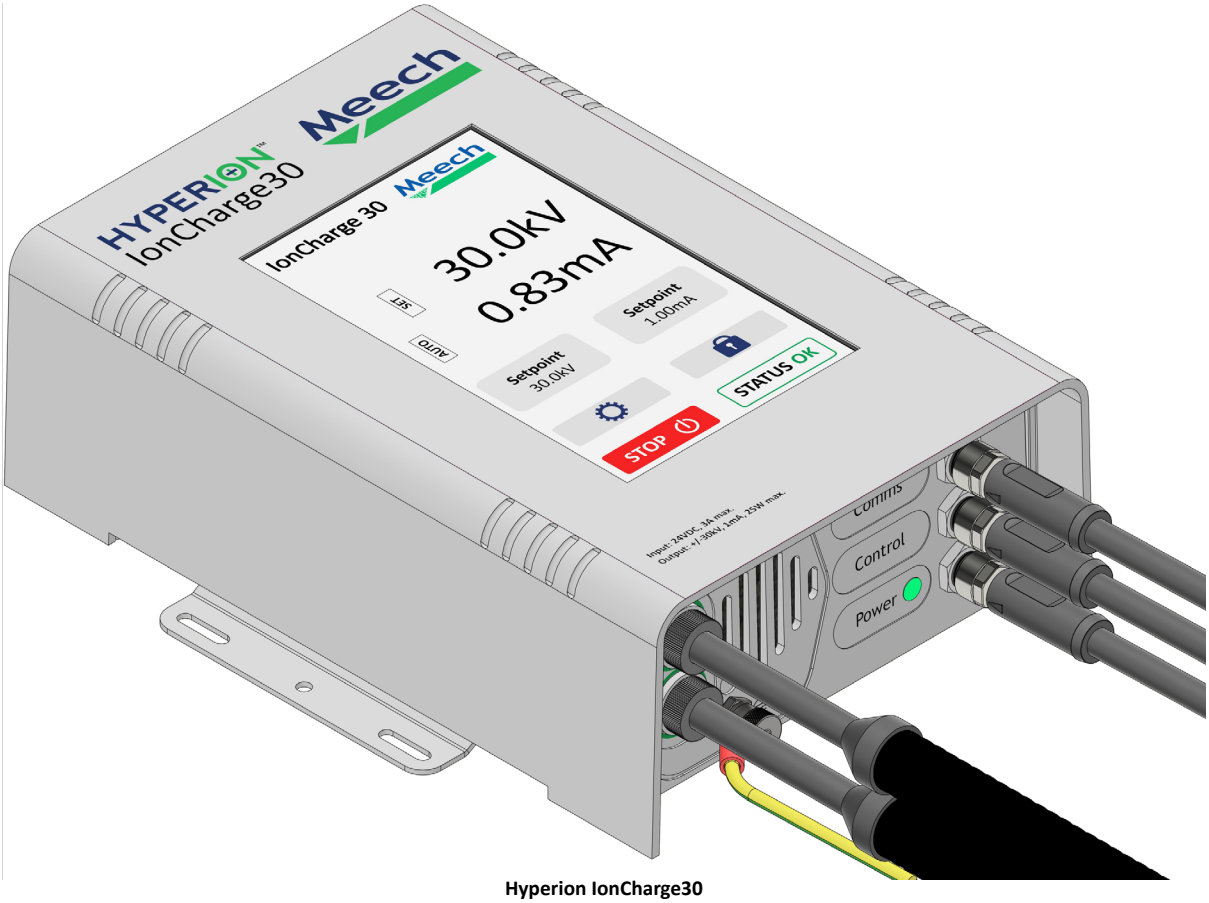
Before working on the equipment:

- Before installing or performing maintenance on the equipment, ensure the system is electrically isolated. Failure to do so could result in injury.
- Check the equipment and cables for any damage. If damaged, contact your local Meech representative before continuing.
- Ensure all wiring is completed by suitably qualified personnel.
- Check all wiring connections are correct in relation to the wiring diagrams later in this manual.

2. Introduction

The Hyperion IonCharge30 is powered from a 24VDC power supply and produces an adjustable output of 0.1 to 30kVDC at 25W in either a positive or negative polarity (depending on the model variant), suitable for powering Meech static generating bars or pinning heads.

Its touchscreen interface allows for the local adjustment of parameters and performance indication, which can also be done remotely through its remote port.



Hyperion IonCharge30

3. Package contents

Carefully examine the packaging and its contents before use. If damage is evident, do not destroy the packaging and immediately notify the carrier of a possible damage claim. Shipping claims must be made by the consignee to the carrier.

The following items will be found inside the IonCharge30 packaging:

Item	**Product code**	
Hyperion IonCharge30 Static Generator*	***Variant model code***	***IonCharge30 variant***
	AIC30-25DC-N-00	30kV Neg, 25W
	AIC30-25DC-P-00	30kV Pos, 25W
Earth cable	D3310	
Mounting hardware	KIT0286	
Quick start guide	M0018	

*** = Only one IonCharge30 unit is included**

3.1. Options

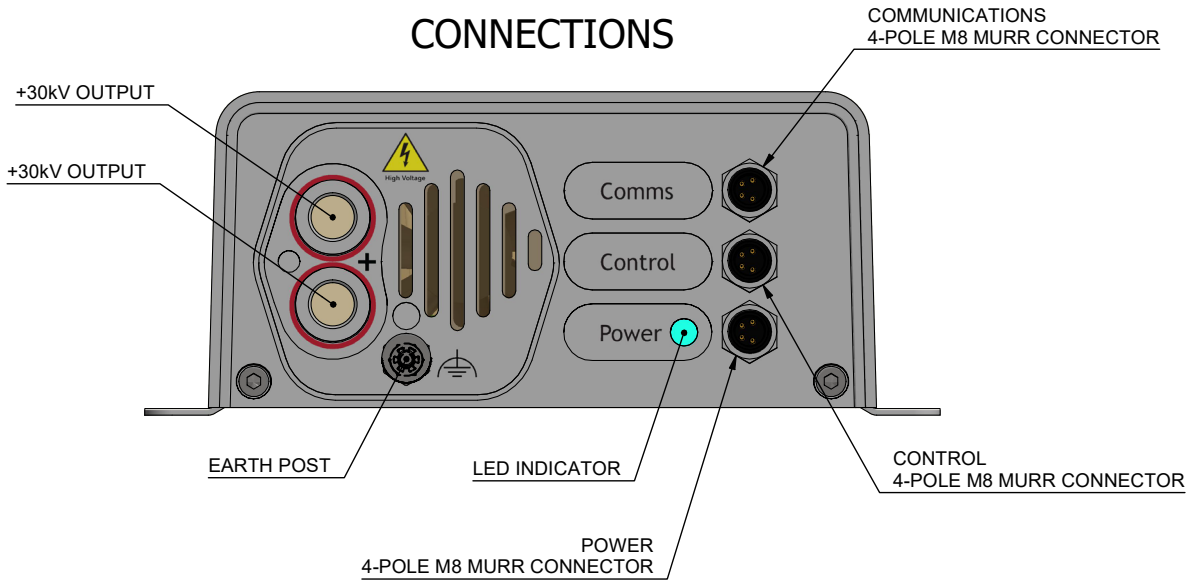
The following items can be purchased from Meech to supplement & provide extra functionality to the product.

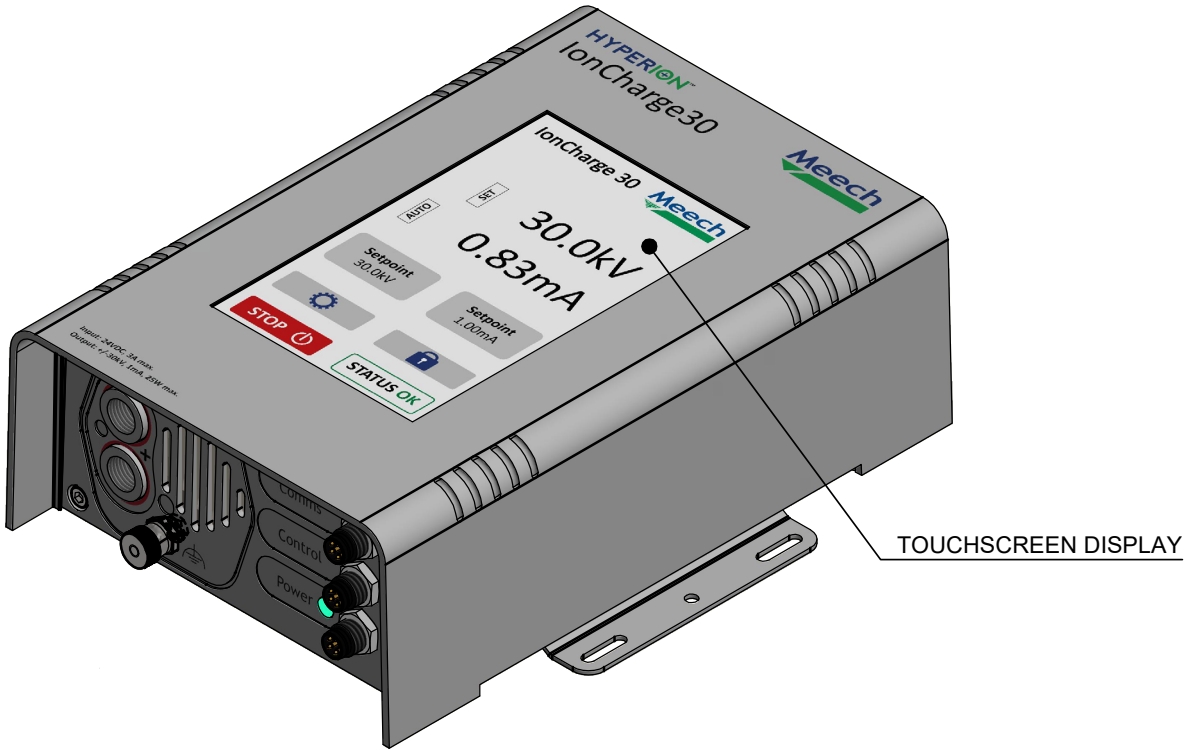
Item	**Product code**	
Switchmode power adaptor 60W *Switchmode Power Adaptors take the local electrical supply and convert it to a stable and filtered 24VDC output.*	A900IPS-SM-60W-STRIP	Stripped Ends
	A900IPS-SM-60W-EURO	Schuko European
	A900IPS-SM-60W-UK	UK Plug
	A900IPS-SM-60W-USA	USA Plug
4-Pole M8 2m connection cable *For connection of the unit to a customer's own 24VDC power supply.*	A900IPS-PCS2 Contact your local Meech representative for options.	

4. Component overview

4.1. IonCharge30 (Positive variant)

The IonCharge30 features a touchscreen to both view and modify its output settings. It also features a status LED to alert the user should any parameter fall outside a predetermined range.

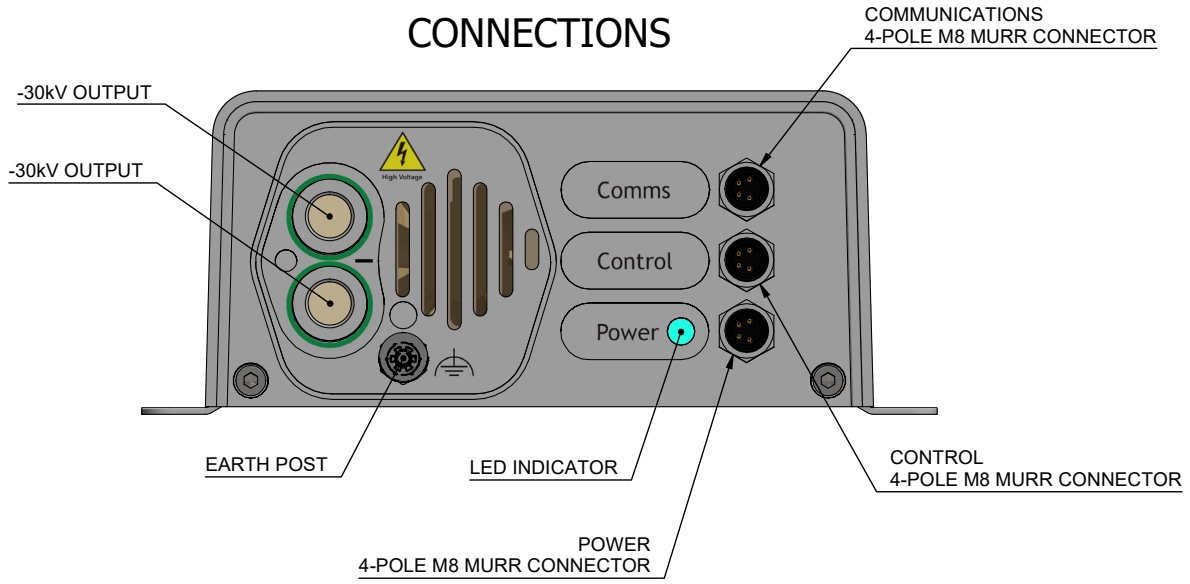


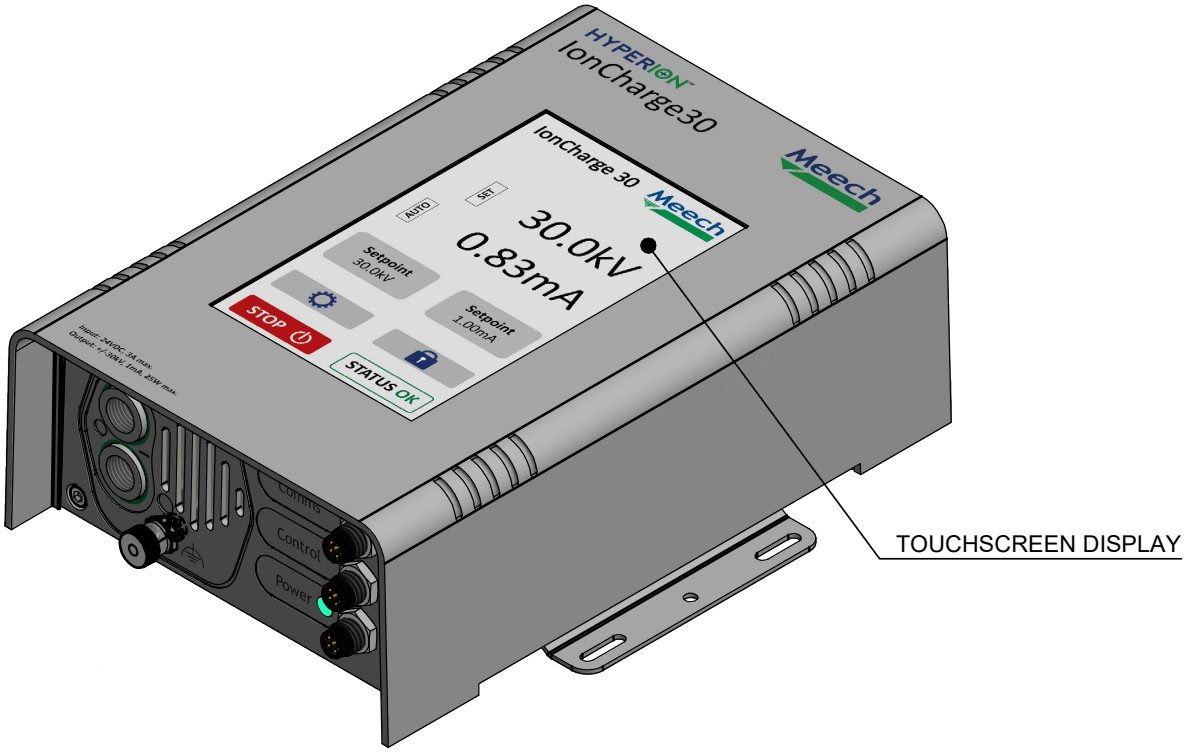


Touchscreen illuminated for display purposes only

4.2. IonCharge30 (Negative variant)

The IonCharge30 features a touchscreen to both view and modify its output settings. It also features a status LED to alert the user should any parameter fall outside a predetermined range.





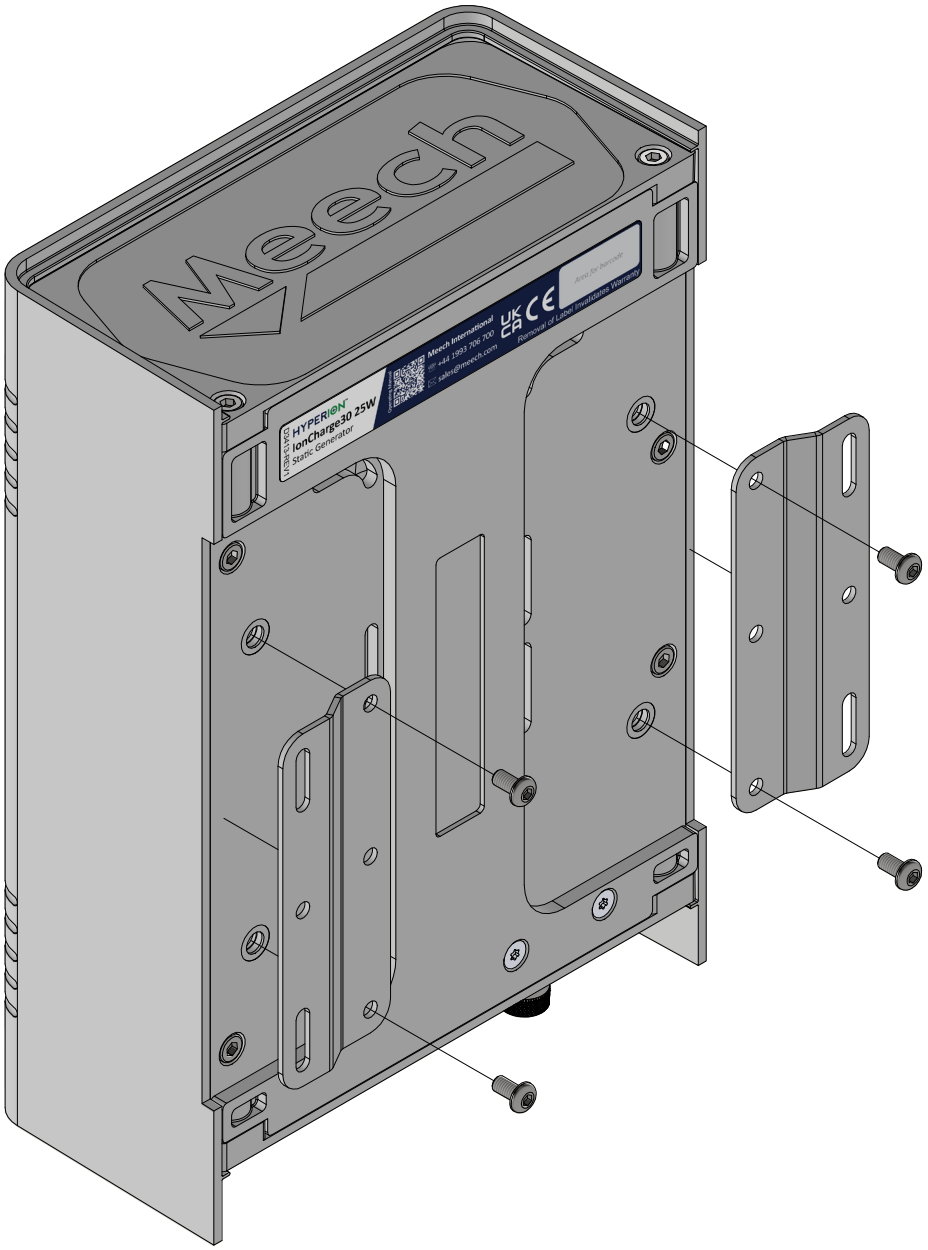
Touchscreen illuminated for display purposes only

5. Installation

5.1. Mechanical installation

The product should be mounted on a flat surface capable of supporting 1kg, in a well-ventilated area, away from any sources of potential contamination.

1. Attach the mounting hardware to the rear of the IonCharge30 with a 2mm hex key.

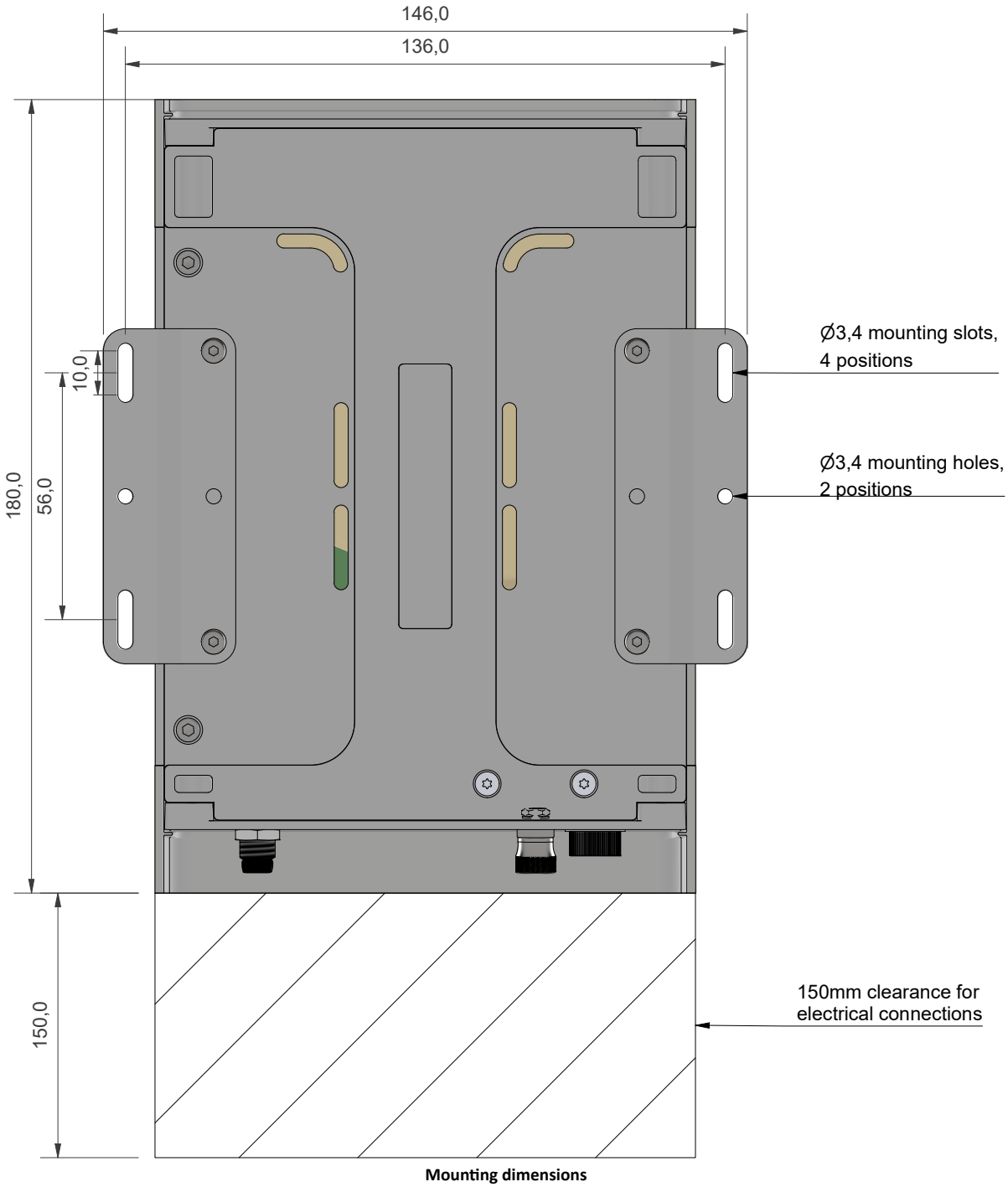


Mounting bracket installation

Notice –
Unit failure through contamination will invalidate the warranty.
Ensure the unit is protected from sources of contamination.

2. Mount the product by using the mounting positions shown below.

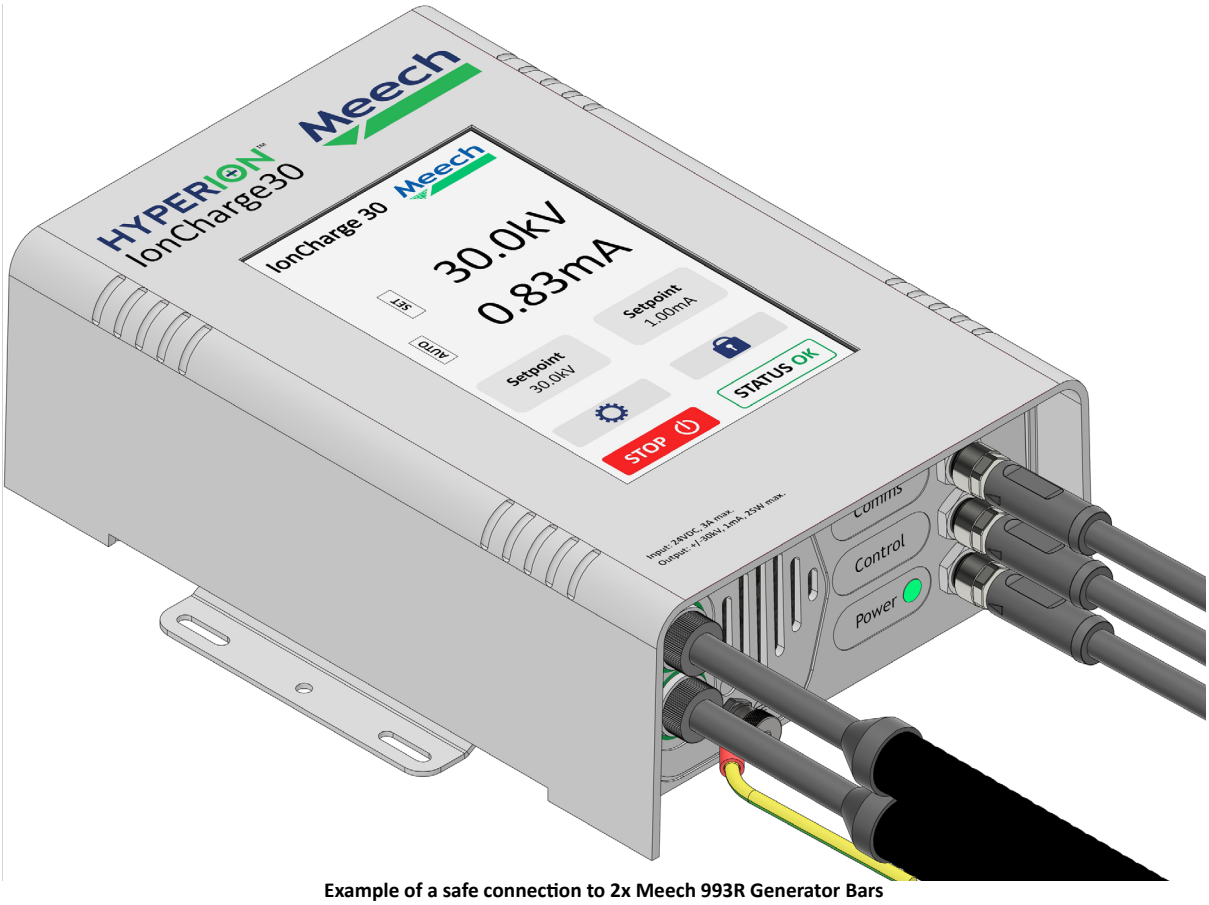
Providing 150mm of clearance in front of the electrical connections is recommended to allow for easier equipment connection.



Mounting dimensions

5.2. Generator product connection

This sections details how to connect 2x Meech static generating products into the HT ports on the connector end of the IonCharge30, as well as detailing the necessary electrical inputs.



Example of a safe connection to 2x Meech 993R Generator Bars

Caution –
Injury due to electric shock.

Before making any connections, ensure the IonCharge30 is electrically isolated.

Please ensure that only Meech supplied products are connected to HT ports.

1. Remove the transit caps from the connector ports.

2. Remove the crinkle washer and nut from the earth post.

3. Fit the earth cable onto the earth post, then refit the crinkle washer and nut.

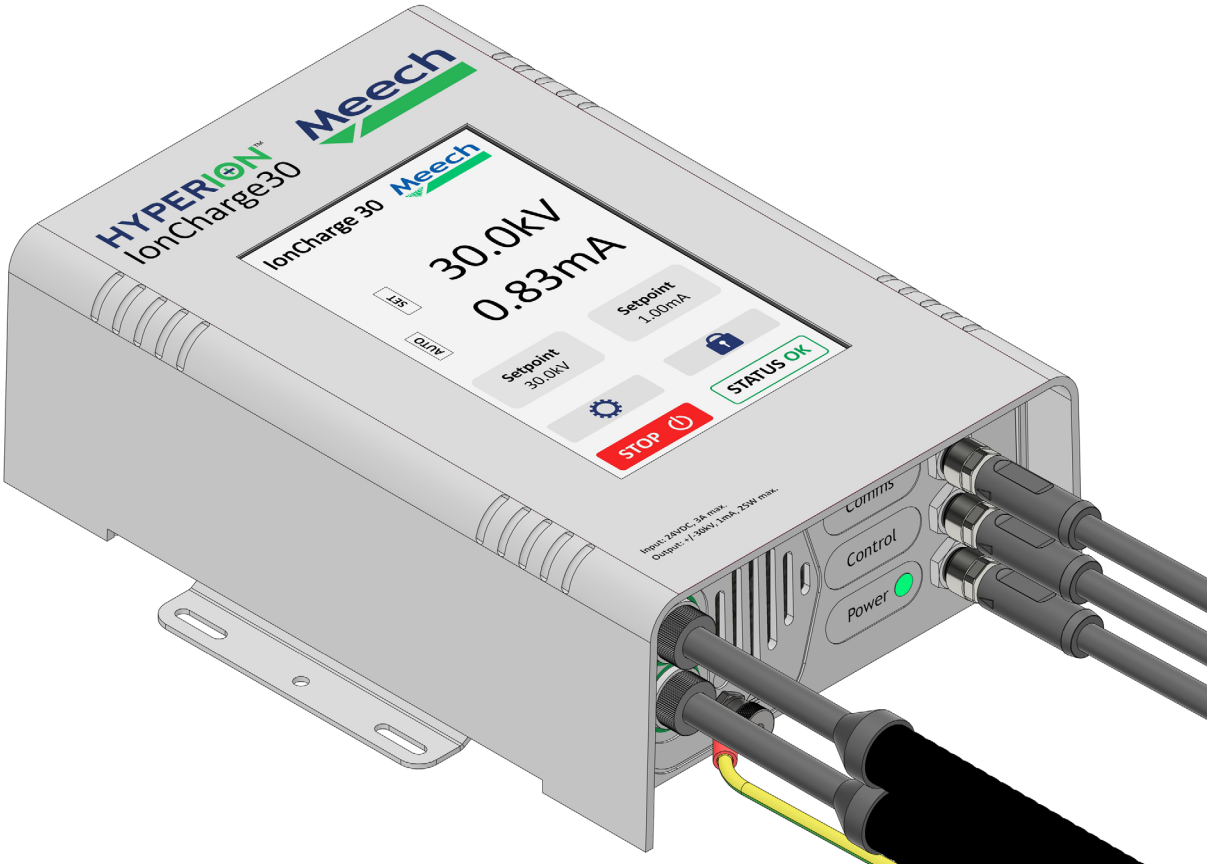
4. Insert the connector of the static generator into the HT port.

5. If required, fit the connector of the second static generator into the other HT port.

6. If required, fit the Comms & Control cable connectors into their respective ports.
If these functions are not required, the transit caps should be replaced.

7. Fit the Power cable connector into the Power port.

8. The IonCharge30 can now be supplied with 24VDC.



6. Grounding & 24VDC supply

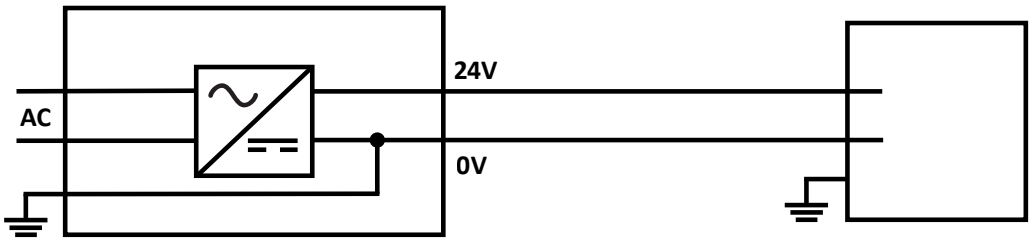
The product must be grounded through the power supply, as well as through the M4 Earth post on the unit.
All power supplies used must be compliant with IEC62368-1 or IEC60950-1.

Notice –

The IonCharge30 must be electrically grounded.
Failure to do so may damage the equipment and will invalidate the warranty.

6.1. Meech 24VDC power supply

This refers to the use of a Meech 60W 24VDC switchmode to power the product, which is grounded internally & supplied with an IEC cable. See section 3.1 for product codes.



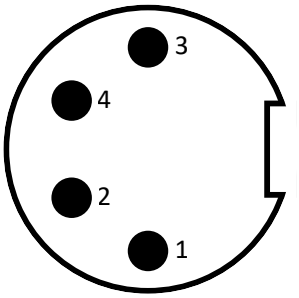
Grounded 24VDC switchmode supply schematic

6.2. External 24VDC power supply

It is the customers responsibility to check that the 24VDC power supply being connected is grounded.

- The 24VDC power supply must be protected with a 4A fuse.
- Connection to the product is through the M8 4-Pole **Power** port.

6.3. Connection panel Input/Output ports



Male connector on the IonCharge30, as viewed from the mating face.

When 24VDC is supplied to the Power port, the touchscreen interface will turn on and the home screen will be displayed. Any previous configurations will also be restored.

6.3.1. Comms port (4-Pole M8)

Pin	Colour	Function	Input/Output	Specification
1	Brown	V_{out}	Output	24VDC (22 to 28V)
2	White	Communications	Output	Meech2PLC network module
3	Blue	GND	N/A	0V
4	Black	Communications	Input	Meech2PLC network module

6.3.2. Control port (4-Pole M8)

Pin	Colour	Function	Input/Output	Specification
1	Brown	4 to 20mA voltage (V) control	Input	4 to 20mA
2	White	4 to 20mA current (I) control	Input	4 to 20mA
3	Blue	GND	N/A	0V
4	Black	Remote HT ON/OFF	Input	Switched GND

6.3.3. Power port (4-Pole M8)

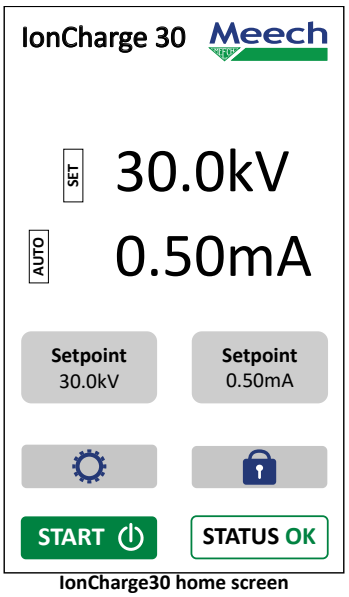
Pin	Colour	Function	Input/Output	Specification
1	Brown	V_{in}	Input	24VDC (22 to 28V)
2	White	HT OK / Perforation monitor	Output	0V/24V
3	Blue	GND	N/A	0V
4	Black	Remote HT ON/OFF	Input	Switched GND

7. Operation

The IonCharge30 automatically adjusts either the voltage or current, depending on the selected output value and the operating conditions. The touchscreen interface continuously indicates which output is being automatically adjusted and which has reached its setpoint value.

7.1. Home screen

When 24VDC is supplied to the Power port, the touchscreen interface will turn on and the home screen will be displayed. Any previous configurations will also be restored.



IonCharge30 home screen

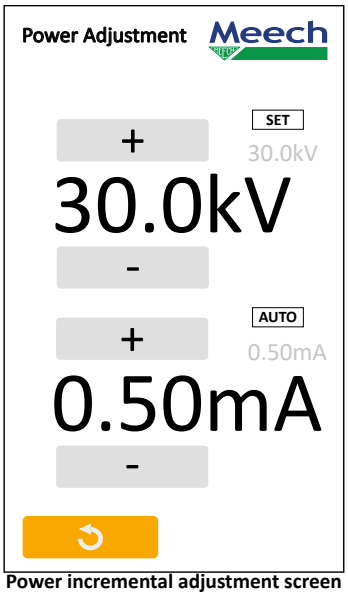
The home screen on the IonCharge30 is where the user can toggle the HT output on/off, view and adjust output parameters, and lock or unlock the unit.

Start	START	Starts the voltage output
Stop	STOP	Stops the voltage output
Settings		Opens the settings page
Setpoint kV / mA	Setpoint kV Setpoint mA	Opens the Power Adjustment page
Lock / Unlock		Locks or unlocks the touchscreen interface
Status	STATUS OK	Confirms the status of the IonCharge30 is healthy/OK.
Set	SET	The output has reached the setpoint value
Auto	AUTO	The output is being automatically adjusted to the conditions

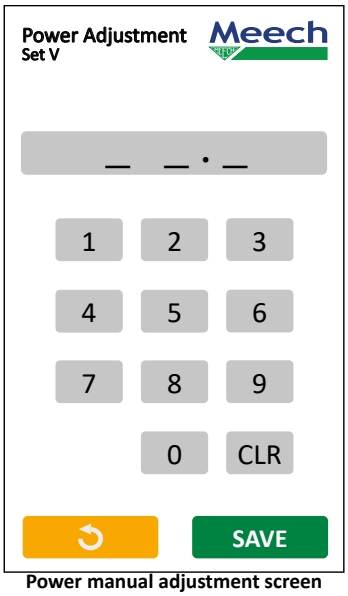
7.2. Power Adjustment

When either “Setpoint kV” or “Setpoint mA” is pressed on the home screen, the Power Adjustment screen will be displayed. The output voltage can be adjusted in 0.1kV steps, and the output current can be adjusted in 0.01mA steps.

The outputs can be adjusted by using the “+” or “-” buttons for incremental changes, or by tapping each value to open the keypad for manual entry.



Power incremental adjustment screen



Power manual adjustment screen

In the manual adjustment screen, press the “Save” button to save the values and return to the incremental adjustment screen.
Or, press the “Return” button to **discard** any changes and return to the incremental adjustment screen.

In the incremental adjustment screen, press the “Return” button to **save** the values and return to the home screen.

Save	SAVE	Saves the displayed variable value
Return	↻	Return to the previous screen
Set	SET	The output has reached the setpoint value
Auto	AUTO	The output is being automatically adjusted to the conditions

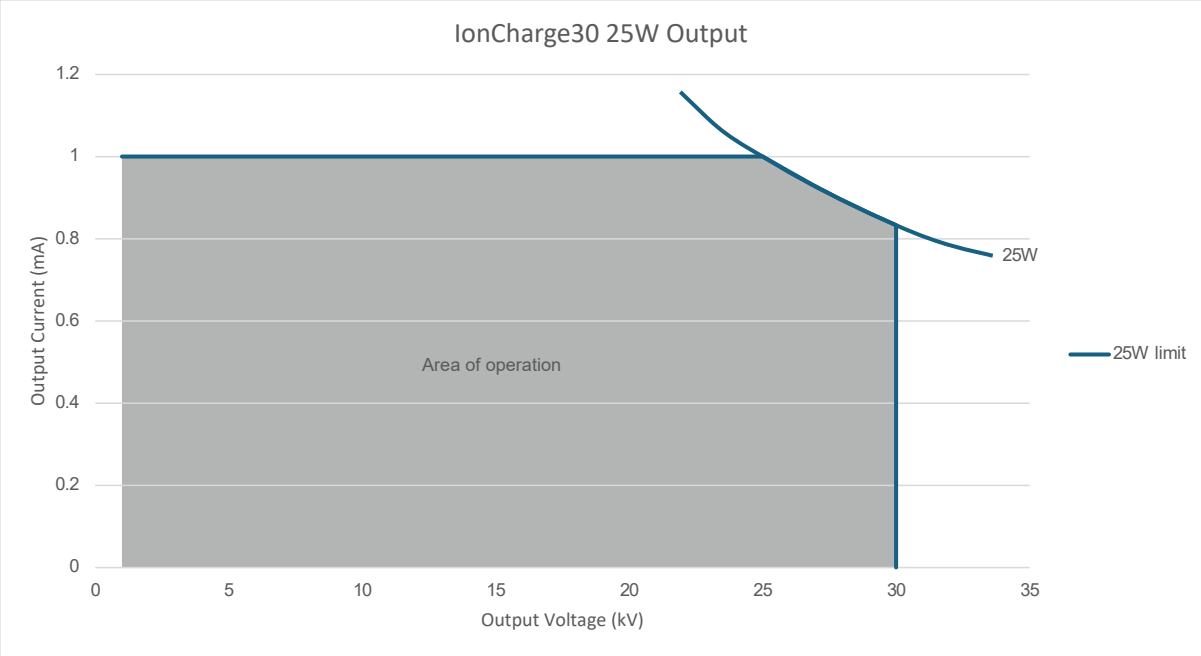
Notice –

The current being drawn by the IonCharge30 is dependent on:
The current and voltage output values, the number and length of attached bars/pinning heads, environmental conditions (temperature and humidity), and the proximity of attached equipment to electrically grounded parts

7.2.1. Voltage & Current limits

The voltage output can be set to a maximum of 30kV. The current output can be set to a maximum of 1mA. The maximum power output of the IonCharge30 is 25W.

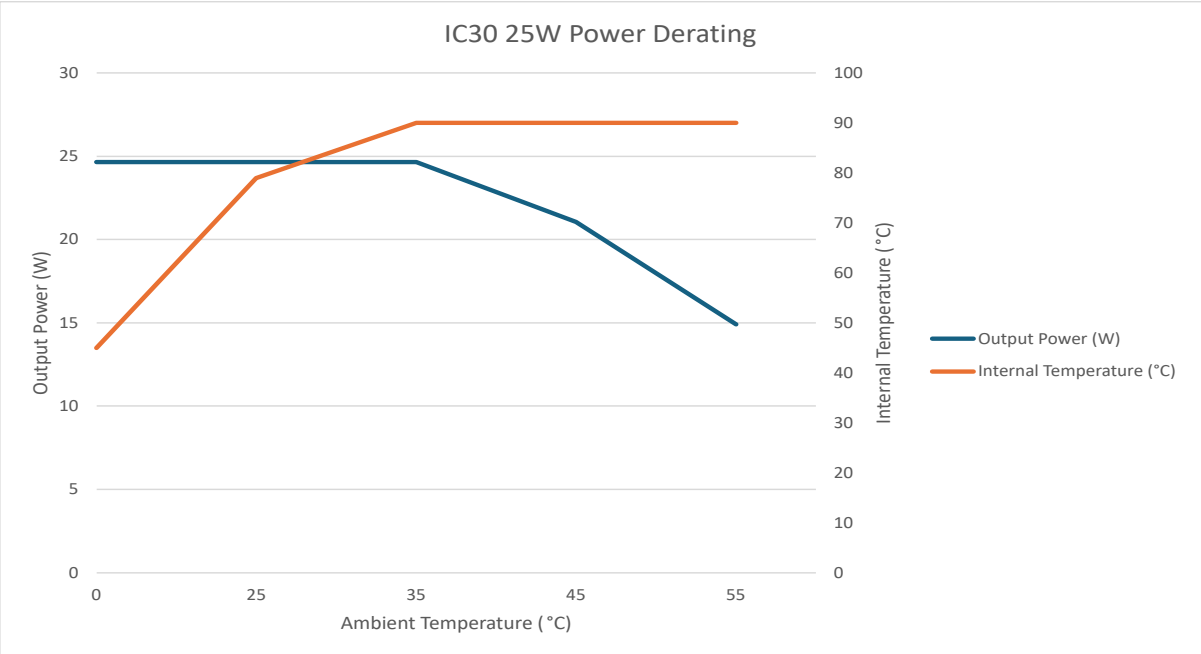
If the voltage & current limits are set to a value that would exceed the maximum power output, the unit will automatically reduce the output voltage until the 25W power limit is reached.



7.2.2. Power derating

When the IonCharge30 is running at 25W in an ambient temperature of 35°C or above, the power output may automatically derate.

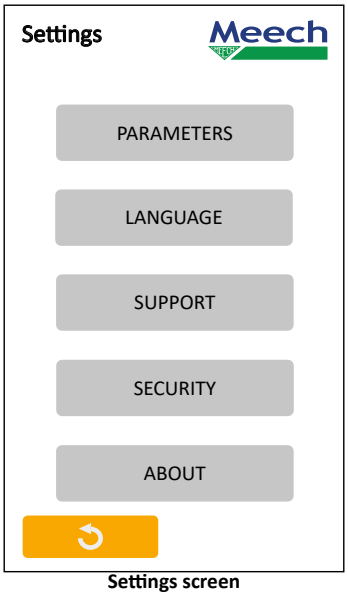
When power derating is occuring, a thermometer symbol will appear on screen.



7.3. Settings

The settings screen is where all the unit parameters, language and security options can be configured. Device information and support information can also be found here.

Press any of the buttons to continue, or press the “Return” button to return to the home screen.



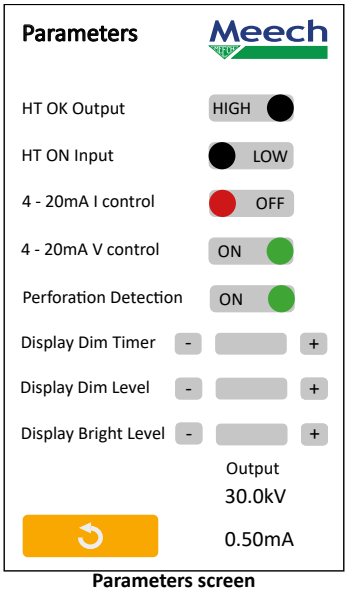
Settings screen

Parameters	PARAMETERS	Opens the Parameters screen
Language	LANGUAGE	Opens the Language screen
Support	SUPPORT	Opens the Support screen
Security	SECURITY	Opens the Security screen
About	ABOUT	Opens the About screen
Return		Return to the previous screen

7.3.1. Parameters

The parameters screen allows users to make adjustments to the operating parameters of the unit, such as the remote control functionality, perforation detection and screen brightness.

When the parameters have been configured, press the “Return” button to return to the settings screen.



Parameters screen

On		Enables the feature
Off		Disables the feature
High		Sets the signal to High (24V)
Low		Sets the signal to Low (0V)
- / +		Increases or decreases the value
Return		Return to the previous screen

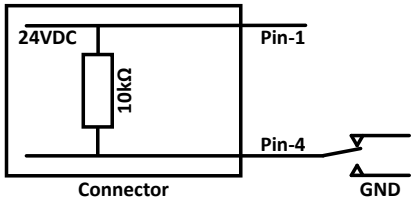
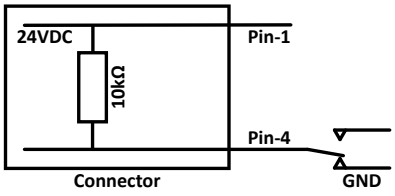
<table>
<tr><td>HT OK Output</td><td>The output health of the IonCharge30 can be monitored by the Power port, suitable for direct connection to a PLC input, or to control an external 24V relay.

A HT OK signal is output when the voltage setting is reached, at either 0V (HT OK Output = Low) or 24V (HT OK Output = High) from Pin-2 of the Power port. This setting can be changed in the Parameters screen.

When Perforation Detection is set to ON, this pin instead will output a 25ms pulse whenever a perforation is detected.</td></tr>
<tr><td>HT ON Input</td><td>The IonCharge30 is capable of being controlled remotely, through its Power or Control port. This allows the unit to be toggled in and out of standby mode when connected to a separate PLC/switch system.

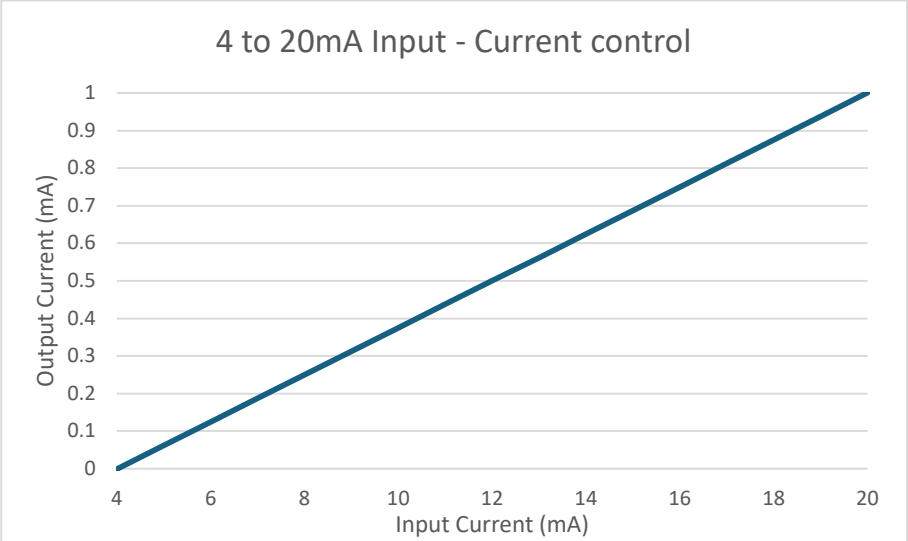
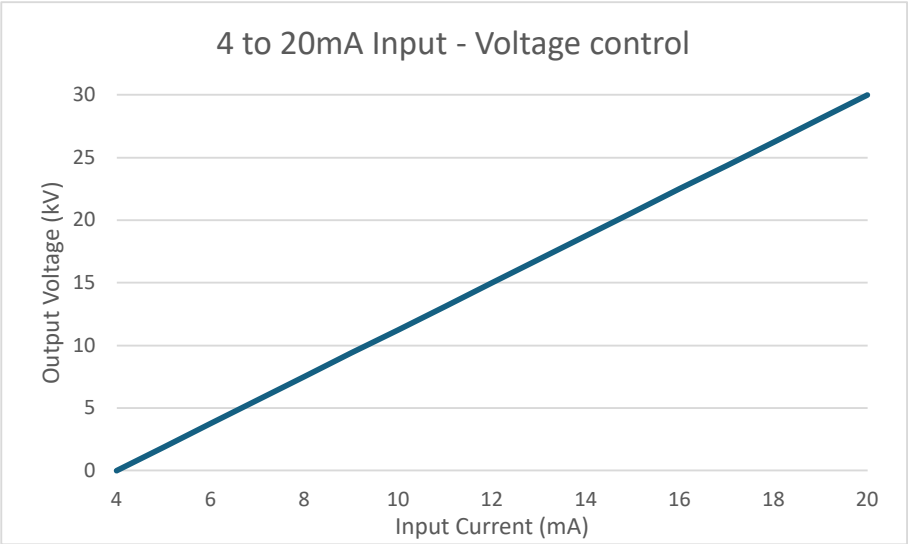
Standby mode can be toggled by switching Pin-4 of either the Power or Control ports to GND.
However, the HT ON setting only affects how the Power port responds:

• If HT ON is set to Lo, the unit is in standby when Pin-4 is disconnected from GND.
• If HT ON is set to Hi, the unit is in standby when Pin-4 is connected to GND.

<table>
<tr><th colspan="2">Power port</th><th rowspan="2">Control port</th><th rowspan="2"></th></tr>
<tr><th>HT ON = Lo</th><th>HT On = Hi</th></tr>
<tr><td>Off</td><td>On</td><td>On</td><td> 
</td></tr>
<tr><td>On</td><td>Off</td><td>Off</td><td> 
</td></tr>
</table>

When the HT output has been remotely toggled off, the “Start” and “Stop” button on the home screen will be replaced with a “Remote Stop” button.

<table>
<tr><td>Remote Stop</td><td>EXT STOP</td><td>Replaces the “Start” or “Stop” button on the home screen when the HT output has been remotely toggled off</td></tr>
</table>
</td></tr>
</table>

4 - 20mA **I Control**	The current output of the IonCharge30 can be controlled remotely through its Control port. This setting can be enabled or disabled in the Parameters screen. When “4 - 20mA I Control” is set to “On”, the current output will change when 4 to 20mA is input to Pin-2 of the Control Port. 
4 - 20mA **V Control**	The voltage output of the IonCharge30 can be controlled remotely through its Control port. This setting can be enabled or disabled in the Parameters screen. When “4 - 20mA V Control” is set to “On”, the voltage output will change when 4 to 20mA is input to Pin-1 of the Control Port. 

Notice –

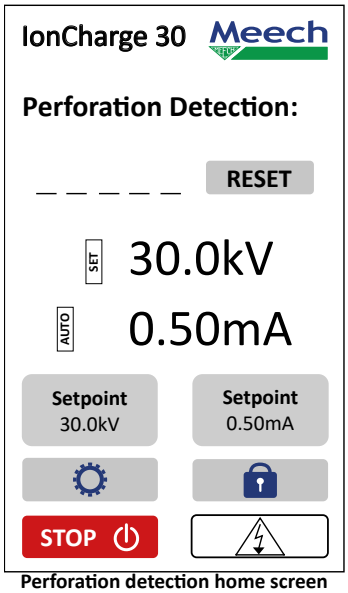
If there is an input current of less than 4mA and 4-20mA control is enabled, the HT output will be off.

Perforation Detection

The IonCharge30 can be run in Perforation Detection mode. When used with Meech Static Generator bars or Pinning Heads, flashover from perforations in the material are detected and output as pulse signals to a PLC for counting and activating other machine functions. This setting can be enabled or disabled in the Parameters screen.

When the unit is in Perforation Detection mode, a 25ms pulse is output from Pin-2 (white) of the Power port every time a perforation is detected.

When Perforation Detection is enabled, the home screen will display a perforation counter and a “Reset” button to reset the count. The “Status” symbol is replaced with a “Flashover” symbol, and the Status LED flashes red for the duration of each flashover event, with a minimum pulse of 50ms.



Perforation detection home screen

Reset	**RESET**	Resets the perforation count
Flashover		Displayed for the duration of a flashover event

Follow the steps below to set up the IonCharge30 for perforation detection.

1. Install the high voltage electrode (hot bar) so the high voltage emitters are positioned 5 to 25mm from the grounded surface, then connect it to the IonCharge30.
2. Power on the IonCharge30 and set “Perforation Detection” to “On”. Do not press “Start” on the Home Screen yet.
3. Set the voltage output to the minimum value, and the current output to the maximum value.
4. Ensure the grounded surface is clearly exposed to the emitters, then gradually increase the output voltage until sparking occurs.
   If no sparking occurs at maximum voltage, power off the IonCharge30, check for ground continuity, and reduce the gap between the emitters and grounded surface.
5. Reduce the output voltage until there is no more sparking.
6. Introduce the web material and confirm sparking appears at each perforation. If no sparking occurs, gradually increase the output voltage until sparking occurs consistently at each perforation.

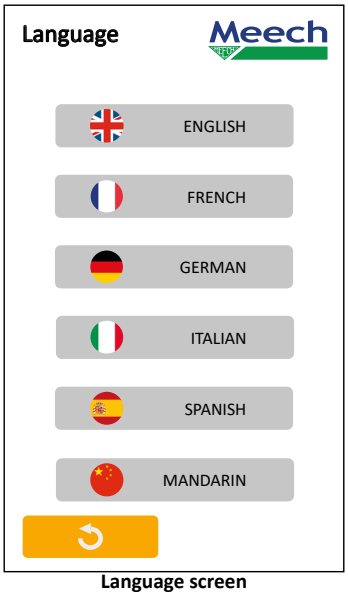
<table>
<tr><td>Display Dim Timer</td><td>The touchscreen on the IonCharge30 will automatically dim after a a set time, to save power and extend the life of the display. After a period of inactivity, touching the screen will immediately restore brightness.

To adjust the timer, press the “+” or “-” buttons to set the time in five second increments, from 5 to 300 seconds.<table><tr><td>- / +</td><td>- +</td><td>Increases or decreases the value</td></tr></table></td></tr>
<tr><td>Display Dim Level</td><td>To adjust the dimmed/inactive brightness level, press the “+” or “-” buttons to set the brightness in 5% increments, from 5 to 95%.<table><tr><td>- / +</td><td>- +</td><td>Increases or decreases the value</td></tr></table></td></tr>
<tr><td>Display Bright Level</td><td>To adjust the bright/active brightness level, press the “+” or “-” buttons to set the brightness in 5% increments, from 10 to 100%.<table><tr><td>- / +</td><td>- +</td><td>Increases or decreases the value</td></tr></table></td></tr>
</table>

7.3.2. Language

The preferred device language can be selected through this screen.

Press any of the buttons to change the language, then press the “Return” button to return to the settings screen.



Language screen

English	ENGLISH	Sets the unit language to English
French	FRENCH	Sets the unit language to French
German	GERMAN	Sets the unit language to German
Italian	ITALIAN	Sets the unit language to Italian
Spanish	SPANISH	Sets the unit language to Spanish
Mandarin	MANDARIN	Sets the unit language to Mandarin
Return		Return to the previous screen

7.3.3. Support

Additional information can be viewed in this screen, such as contact details for Meech International. The products serial number and software version are also available, however they will be differerent to below.

Press the “Return” button to return to the settings screen.

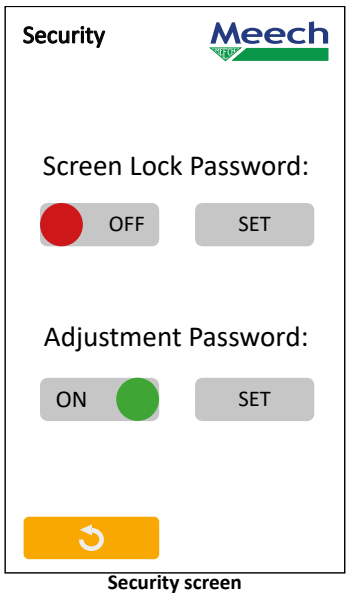
Support screen

Return		Return to the previous screen

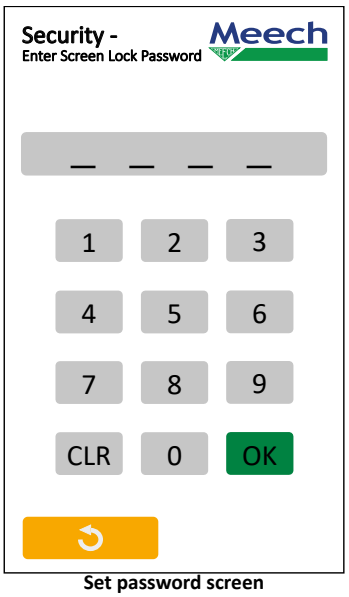
7.3.4. Security

The option to require a password for unlocking the touchscreen interface or adjusting the outputs can be configured through this screen.

When setting the password, press the “Save” button to **save** the values and return to the security screen. Or, press the “Return” button to **discard** any changes and return to the security screen.



Security screen



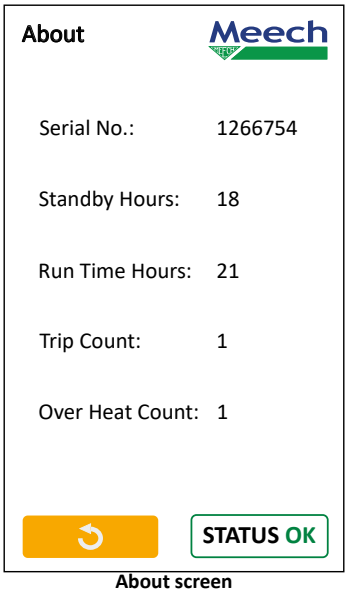
Set password screen

On	ON	Enables the password requirement
Off	OFF	Disables the password requirement
Set	SET	Opens the set password screen
Save	SAVE	Saves the displayed variable value
Return		Return to the previous screen

7.3.5. About

Key information such as serial number, standby hours, run-time hours, trip count and overheat count can be viewed in this screen.

Press the “Return” button to return to the settings screen.



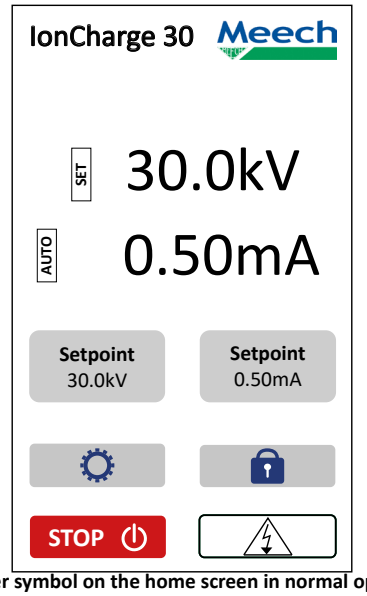
About screen

Return		Return to the previous screen
Status		Confirms the status of the IonCharge30 is healthy/OK.

7.4. Monitoring

7.4.1. Flashover indicator

During a flashover event, the home screen of the IonCharge30 will display a flashover symbol in the bottom right corner of the screen. Flashovers are both normal and expected during operation in Perforation Detection mode, whenever perforations are detected.



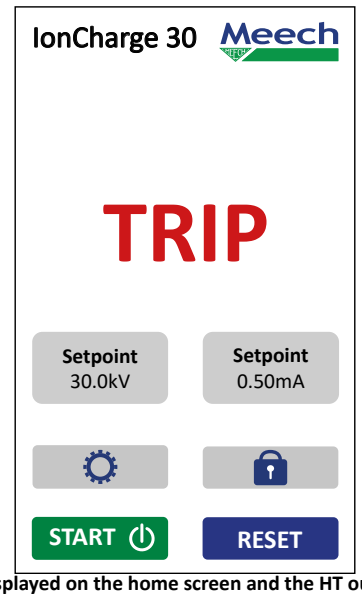
Flashover symbol on the home screen in normal operation

Notice –

If a flashover occurs outside of normal operation, the system installation must be inspected to verify the integrity of the high voltage cabling.

7.4.2. Trip indicator

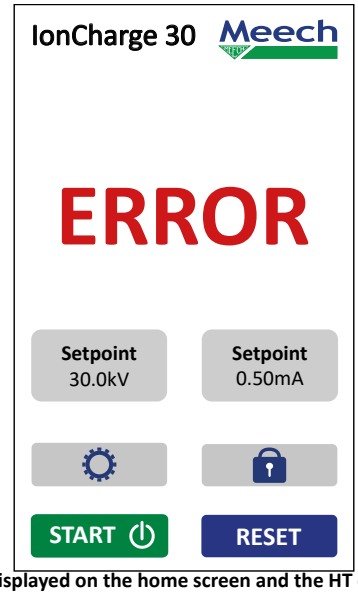
If a continuous short circuit to ground is present, TRIP will be displayed on the home screen and the HT output will be turned off until the START button is pressed again.



TRIP is displayed on the home screen and the HT output is off

7.4.3. Error indicator

In the event of a power supply failure, the HT output will switch off and ERROR will be displayed on screen. The HT output will remain off until the IonCharge30 is restarted or the “Reset” button is pressed.



ERROR is displayed on the home screen and the HT output is off

Notice –

The IonCharge30 will resume the previous operational state when it is either restarted or the “Reset” button is pressed.
In the event of a power supply failure contact your local Meech office or Meech representative.

7.4.4. Status LED

The LED colour combinations are below:

LED colours	Description
Green	HT OK - High voltage output is reaching the setpoint
Yellow	Standby - High voltage output is off
Red	HT OK - High voltage output is **not** reaching the setpoint

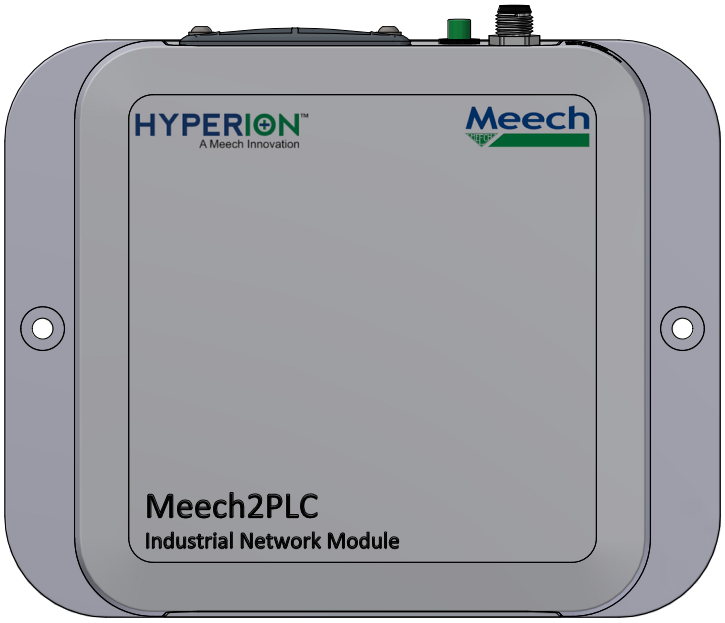
7.5. Connectivity

7.5.1. Meech2PLC (Optional)

The Meech2PLC module provides a universal and flexible approach to industrial connectivity, allowing the IonCharge30 to integrate with Ethernet based industrial networks. This module requires its own 24VDC power supply, and will connect to the Comms port of the IonCharge30.

The following protocols are supported, with configuration files available upon request:

- PROFINET-IRT
- Modbus TCP
- EtherNet/IP



Meech2PLC Industrial Network Module

Please refer to the Meech2PLC operating manual for more information.

8. Technical & construction data

Physical Characteristics			
Length x Width x Height	180mm x 146mm x 59mm (with mounting brackets) 180mm x 123mm x 58mm (without mounting brackets)		
Weight	Approx 0.8kg		
Mounting	2x 3.4mm holes, 4x 3.4mm x 10mm slots		
Construction			
Enclosure	FR ABS		
Protection Class	IP20 construction		
Maximum Ambient Temperature	55°C		
Supply			
Input Voltage	24VDC (22 to 28VDC)		
Input Current	3A maximum		
Electrical Connections	3x 4-Pole M8 & earth terminal		
Output			
Output Voltage	AIC30-25DC-N-00	DC, Negative	-30kVDC (-1 to -30kVDC)
	AIC30-25DC-P-00	DC, Positive	30kVDC (1 to 30kVDC)
Output Current	1mA (0.01 to 1mA)		
Output Ports	2x HT connection ports		
Monitoring and Control			
Local Indication	Green/yellow/red LED		
Control Inputs / Alarm Output	1x 4-20mA voltage control input 1x 4-20mA current control input 2x HT ON inputs 1x HT OK output*		
Perforation Detection Frequency	20 Hz		
Signal Pulse Duration	25ms minimum output pulse duration		
Compliance			
Certification	CE, UL		

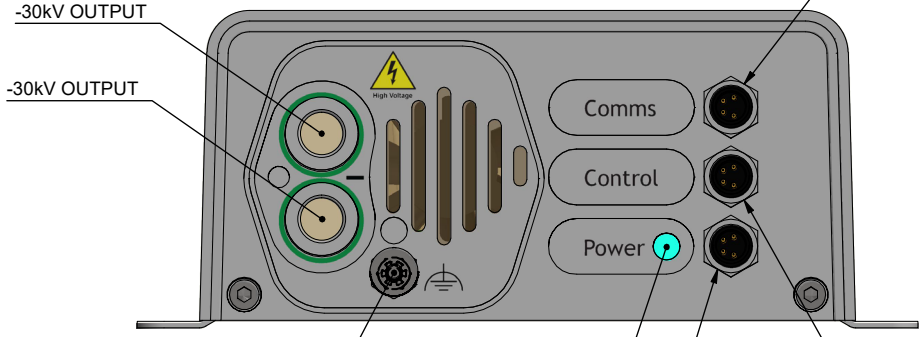
To comply with UL 62368-1, the IonCharge30 must be mounted at a height ≤2m.
* Alarm output drives compatible with IEC 61131-2 type 1,2,3 plc inputs

9. Technical drawings

Contact Meech customer services at customerservice@meech.com for additional technical drawings, providing the model code (see section 3).

Page	Product variant	Variant model code
34-36	Hyperion IonCharge30 25W Static Generator; 30kV Neg	AIC30-25DC-N-00

CONNECTIONS



ISOMETRIC VIEW

Meech International
2 Network Point
Range Road, Witney
OX29 0YN, UK
Tel: +44 (0) 1993 706700
Fax: +44 (0) 1993 776977
email: sales@meech.com
web: www.meech.com

'Meech International' is a trading style of Meech Static Eliminators Ltd

TITLE :	IonCharge 30, 25W STATIC GENERATOR, 30kV NEG, 24VDC
DRAWING NO:	AIC30-25DC-N-00
MATERIAL :	VARIOUS
FINISH :	VARIOUS

TOLERANCE UNLESS OTHERWISE SPECIFIED
General ± 0.2mm
Machined Work Metric ± 0.1mm
Sheet Metal Fabrications ± 0.5mm
Extrusion Work Metric ± 0.2mm
Angular ± 0°30'

DIMENSIONS IN MM DO NOT SCALE

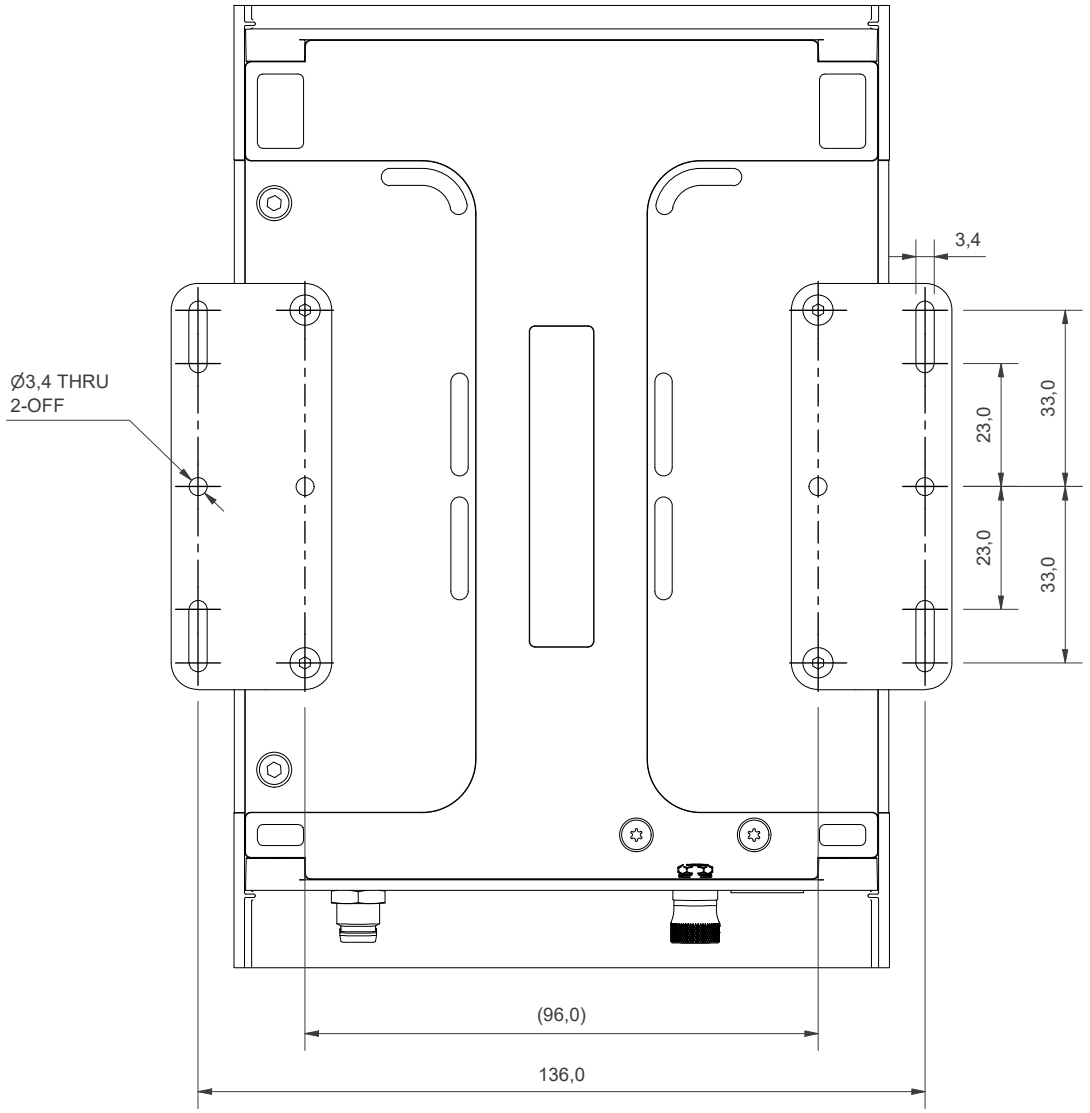
CRITICAL TO FUNCTION (CTF) DIMENSIONS AS MARKED

SHEET	A3
SCALE	NTS

PROJECTION

DETAIL :	MARKETING
DRAWN BY :	J KEOGH
CHECKED BY :	
SIGNED OFF BY :	
DATE :	06/08/2025
SHEET :	1 / 3
CHANGE NOTE:	N/A
MODEL REVISION NO:	1
DRAWING REVISION:	A

HOLE LOCATIONS WITH KIT0286 MOUNTING BRACKETS



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DRAWING NO:	AIC30-25DC-N-00
MATERIAL :	VARIOUS
FINISH :	VARIOUS

TOLERANCE UNLESS OTHERWISE SPECIFIED
General ± 0.2mm
Machined Work Metric ± 0.1mm
Sheet Metal Fabrications ± 0.5mm
Extrusion Work Metric ± 0.2mm
Angular ± 0°30'

DIMENSIONS IN MM DO NOT SCALE

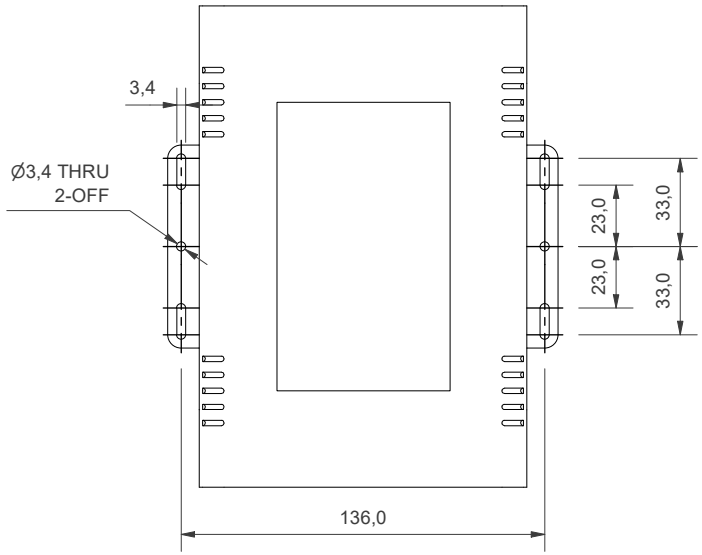
CRITICAL TO FUNCTION (CTF) DIMENSIONS AS MARKED

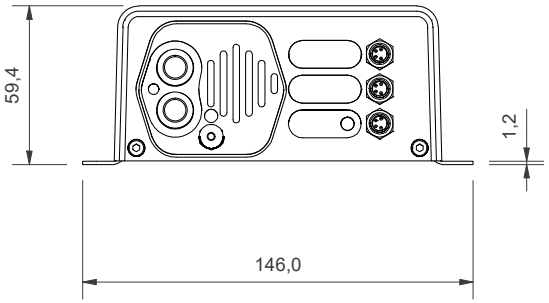
SHEET	SCALE
A3	NTS

PROJECTION

DETAIL :	MARKETING
DRAWN BY :	J KEOGH
CHECKED BY :	REFER TO SHEET 1
SIGNED OFF BY :	REFER TO SHEET 1
DATE :	06/08/2025
SHEET :	2 / 3

CHANGE NOTE:	N/A
MODEL REVISION NO:	1
DRAWING REVISION:	A





Meech
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Meech International
2 Network Point
Range Road, Witney
OX29 0YN, UK
Tel: +44 (0) 1993 706700
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TITLE :	IonCharge 30, 25W STATIC GENERATOR, 30kV NEG, 24VDC
DRAWING NO:	AIC30-25DC-N-00
MATERIAL :	VARIOUS
FINISH :	VARIOUS

TOLERANCE UNLESS OTHERWISE SPECIFIED
General ± 0.2mm
Machined Work Metric ± 0.1mm
Sheet Metal Fabrications ± 0.5mm
Extrusion Work Metric ± 0.2mm
Angular ± 0°30'

DIMENSIONS IN MM DO NOT SCALE

CRITICAL TO FUNCTION (CTF) DIMENSIONS AS MARKED

SHEET	SCALE
A3	NTS

PROJECTION

DETAIL :	MARKETING
DRAWN BY :	J KEOGH
CHECKED BY :	REFER TO SHEET 1
SIGNED OFF BY :	REFER TO SHEET 1

DATE :	06/08/2025
SHEET :	3 / 3

CHANGE NOTE:	N/A
MODEL REVISION NO:	1
DRAWING REVISION:	A

10. Maintenance

The product should be regularly cleaned with a dry cloth to keep it free from dust and other contaminants.

Should the product become wet, ensure it is thoroughly dried before restoring power to it.

11. CE approval

A CE Declaration of Conformity for this product exists and can be provided on request.

12. UL approval

This product is compliant with UL Listing requirements.
A copy of the UL certification can be found at www.meech.com/download/ul-certificates/

13. Health & safety

Output current
The maximum output current is less than 5mA to prevent serious harm to the operator, nevertheless any contact with the output post should be avoided where possible.

Usage restrictions
This equipment is not suitable for use in locations where children are likely to be present.

14. Repairs & warranty

This product is warrantied by Meech International Ltd. to the original purchaser against defects in material and workmanship for 2 years after shipment.

For support, contact your local Meech representative. Alternatively, more details can be found at:

https://meech.com

support@meech.com

+44 (0)1993 706700

Meech International
2 Network Point
Range Road
Witney, Oxfordshire
OX29 0YN
United Kingdom
Tel: +44 (0)1993 706700
Email: sales@meech.com

Meech Static Eliminators USA
1298 Centerview Circle
Akron, Ohio 44321
United States
Tel: +1 330 564 2000
Fax: +1 330 564 2005
Email: info@meech.com

Meech Static Eliminators (Shanghai)
7G, 7F, LP Tower
#25 Xianfeng Road
201103 Shanghai
China
Tel: +86 400 820 0102
Fax: +86 21 6405 7736
Email: china@meech.com

Meech Shavotech
29/2, Kharadi
Off Pune-Nagar Road
Old Kharadi Mundhwa Road
Pune: 411014, Maharastra
India
Tel: +91 (0)703 093 8211 / +91 (0)741 000 4817
Fax: +91 (080) 28395963
Email: india@meech.com

Meech Elektrostatik SA
Kaiserbaracke 166
B-4780 St. Vith
Belgium
Tel: +32 (0)80 670 204
Fax: +32 (0)80 862 821
Email: mesa@meech.com

Meech International (Singapore)
7 Temasek Boulevard
12 - 07 Suntec Tower One
Singapore
038987
Tel: +65 65918859
Email: singapore@meech.com

Meech CE
Gábor László utca 2
Budapest 1041
Hungary
Tel: +36 1 7977039 / +36 30 2803334
Email: ce@meech.com

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