

Product Data Sheet

Published Date: 16.08.2023



Hyperion IonCharge30 (15W)



Product Code: AIC30-15DC

The new Meech Hyperion IonCharge30 is part of the new IonCharge family of static generators from Meech that includes the compact IonCharge30 and the larger higher powered IonCharge50.

IonCharge30 is designed for use across a range of common applications including pinning, bag making and card insertion. It uses advanced high voltage technology and software for a controlled static charge via our range of static generator bars and pinning heads. The static charge can be either positive or negative (model dependant) and is used to impart temporary bonding between materials, at least one of which is insulative.

The IonCharge30 provides independently selectable voltage and current and the inclusion of a colour touchscreen interface provides simple adjustment and clear display of settings.

The functionality and simple adjustment and control of the output voltage and current means that the IonCharge30 is extremely versatile and effective for a range of applications and materials.



www.update ltd.com | 1-800-229-0009

Product shown in this document may be covered by one or more patents, patents applied for and/or registered designs and/or trade marks. For further information please refer to our Head Office or visit www.meech.com.

Meech International

UK: +44 1993 706 700
Hungary: +36 27 535 075

US: +1 330 564 2000
China: +86 400 820 0102

Belgium: +32 8067 0204
India: +91 (0)7030938211

Singapore: +65 65918859

email: sales@meech.com
web: www.meech.com

© Meech Static Eliminators Ltd 2020

Product Data Sheet

Published Date: 16.08.2023



Features & Benefits

15 Watt Power Output	Providing range for voltage (0-30kV) and current (0-0.5mA). Therefore, performance can be optimised for a variety of applications and maximum pinning effect can be achieved without risk of overload.
Hyperion 24V DC Power Supply	24V DC power is often the preferred power supply for use with industrial equipment for several reasons including safety, reliability, ease of installation.
Independently Selectable Voltage and Current	Increased control across a range of applications and material types.
Perforation and Hole Detection	Built in perforation and hole detection functionality for use in applications such as the manufacture of plastic bags.
Multi-Language Support	IonCharge30 supports multi-language displays in English, Mandarin, French, German, Italian and Spanish.
Colour Touch Screen User Interface	Clear and intuitive information display and simple input of settings.
Auto Trip on Detection of 'Flashover'	Reduces the risk of damage to equipment and/or materials being processed.
SmartControl Connectivity	When connected to a SmartControl unit there are the benefits of remote monitoring and control.
Optional external connectivity to industrial networks	Versatile connectivity for integration with existing PLC compatible industrial networks for monitoring and control.
Remote On/Off Input	Unit can be switched on and off in association with machine operation for process integration.
Compact and Lightweight	Provides flexibility in positioning.
Twin High Voltage Outputs	Multiple generator bars can be connected. NOTE: HV output socket requires accessories with a short plug connector.

Product shown in this document may be covered by one or more patents, patents applied for and/or registered designs and/or trade marks. For further information please refer to our Head Office or visit www.meech.com.

Meech International

UK: +44 1993 706 700
Hungary: +36 27 535 075

US: +1 330 564 2000
China: +86 400 820 0102

Belgium: +32 8067 0204
India: +91 (0)7030938211

Singapore: +65 65918859

email: sales@meech.com
web: www.meech.com

Product Data Sheet

Published Date: 16.08.2023



Technical Characteristics

Max Output Power	15W
Supply Voltage	24V DC
Max Power Consumption	30W
Input Connection	M8 4 Pole
Output Voltage	0 - 30kV
Output Current	0 - 0.5mA
Output Polarity	Negative or positive variants available
Voltage and Current Selection	Independently selectable voltage and current
Adjustable Increments	Voltage (V) 0.1kVCurrent (I) 0.01mA
Perforation and Hole Detection	Up to 1200 counting pulses per minute (20Hz). Minimum output pulse duration 15ms (e.g. to PLC).
Industrial Ethernet Network Connectivity	Optional external module for integration of IonCharge30 to industrial Ethernet based networks including Profinet-IRT, Modbus TCP, Ethernet/IP
User Interface	5" Touch screen
4-20mA Control	Independent voltage and current inputs. Input resistance 1k Ω
HT Output	2x Meech 30kV connection ports
Password Protection	2 level, screen and adjustment lock
Operating Environment	Industrial
Protection Class	IP20
Certifications	CE, UL
Dimensions (W x H x D)	122.5 x 58 x 180 mm
Weight	0.75 kg
Housing Material	ABS

Product shown in this document may be covered by one or more patents, patents applied for and/or registered designs and/or trade marks. For further information please refer to our Head Office or visit www.meech.com.

Meech International

UK: +44 1993 706 700
Hungary: +36 27 535 075

US: +1 330 564 2000
China: +86 400 820 0102

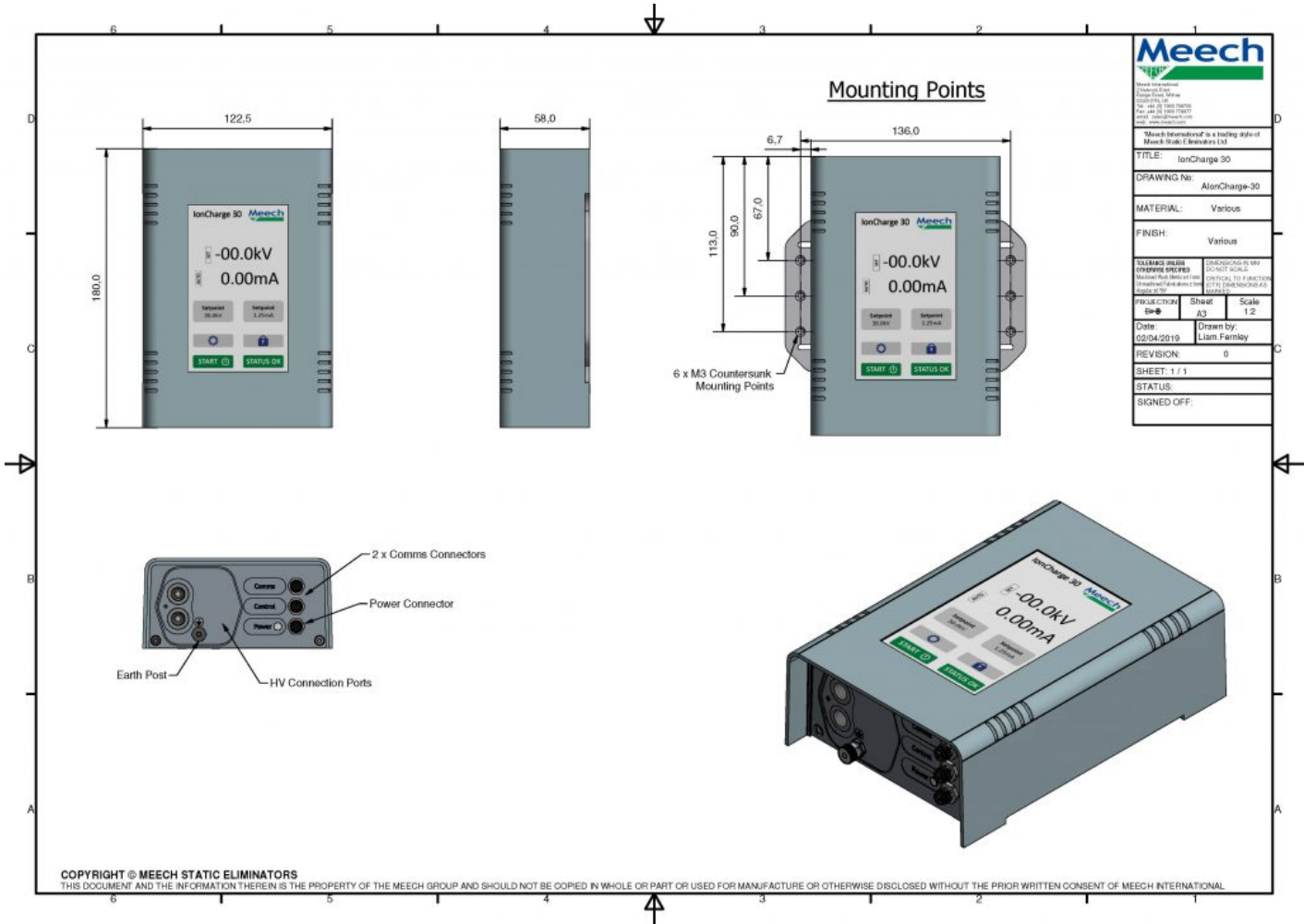
Belgium: +32 8067 0204
India: +91 (0)7030938211

Singapore: +65 65918859

email: sales@meech.com
web: www.meech.com

Product Data Sheet

Published Date: 16.08.2023



COPYRIGHT © MEECH STATIC ELIMINATORS
THIS DOCUMENT AND THE INFORMATION THEREIN IS THE PROPERTY OF THE MEECH GROUP AND SHOULD NOT BE COPIED IN WHOLE OR PART OR USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF MEECH INTERNATIONAL

update YOUR UNLIMITED PARTS SOURCE
LTD FOR PRINT FINISHING AND PACKAGING

www.update ltd.com | 1-800-229-0009

Product shown in this document may be covered by one or more patents, patents applied for and/or registered designs and/or trade marks. For further information please refer to our Head Office or visit www.meech.com.

Meech International UK: +44 1993 706 700 US: +1 330 564 2000 Belgium: +32 8067 0204 Singapore: +65 65918859 email: sales@meech.com
Hungary: +36 27 535 075 China: +86 400 820 0102 India: +91 (0)7030938211 web: www.meech.com

© Meech Static Eliminators Ltd 2020