

# ETORCH3

All Electric Roofing Torch

Datasheet



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## Introduction

Imperial Thermal Engineering's award winning Etorch 3 is the latest all electric torch for the industrial roofing sector. The Etorch 3 is perfect for drying any roof deck and is the ideal partner for use alongside BUR, Self-Adhesive, Liquid, Hotmelt and Single ply systems.

## Etorch 3

Compact, lightweight electric roofing torch designed for drying, activating, and welding across all roofing systems. Eliminates the need for gas while improving safety, control, and performance.

## Key Benefits

- No gas required – eliminates fire risk
- Safe for internal and external use
- Works in all temperatures
- Prevents surface marking on mineral cap sheets
- Lightweight and easy to manoeuvre
- Fast setup with plug-and-play operation

## Functions

- Dry Mode – dries all roofing surfaces
- Activate Mode – 6 heat settings for self-adhesive systems
- Multi-tool Output – 3 sockets for hot air welders and blowers.

## Safety features

- Flame-free electric operation
- Over-temperature protection
- 30mA operator safety protection
- Controlled, consistent temperature output
- Reduces risk of flash and vapour ignition
- Safe for use at edges and upstands

Can be used across all flat roofing projects!



## Cables, power requirements & consumption

### Power Supply

415V (UK/EU) / 480V (US/Canada)  
3-phase, 32A, 5-pin plug  
Power consumption: 28kVA (22 kW during operation)

### Connections

- 5m hose (torch to control box)
- 4m power cable
- 20m extension cable included
- Additional 20m / 40m extensions available

### Generator Recommendation

- 30kVA generator (32A, 5-pin) for non-fixed sites

### Applications

- Built-Up Roofing (BUR)
- Self-adhesive systems
- Liquid roofing
- Hot melt systems
- Screed and concrete decks
- Single ply membranes

### Operation & Control

- Joystick controller for airflow and function selection
- Pre-set temperature control (factory calibrated)
- Service indicator light for maintenance alerts

### Service & Warranty

- 1-year manufacturer warranty (terms apply)
- On-site training provided
- Servicing required when indicated

Activate self-adhesive membranes in any weather condition!



## Specification and servicing

Torch Weight	3 kg
Total System Weight	35 kg
Temperature	400°C
Max Airflow	450 m³/hr
Length	800mm (1650mm with Airblade)
Width	230mm
Hose Length	5m

## Trolley Dimensions

Without hoses	1010mm (H) × 500mm (W) × 500mm (D)
With hoses	1000mm (H) × 4500mm (W) × 2500mm (D)

## Contact

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Dry up to cladding fascias and junctions without the risk of fire!

