

# Auto Darkening Welding Helmet with Face Shield

This welding helmet features intelligent electro-optical technology for a high-definition visual effect. Designed for optimal eye protection, it is ideal for welding, cutting, and grinding operations.



## Overview

### Professional Auto-Darkening Welding Helmet

This high-definition auto-darkening welding helmet is designed to provide superior eye protection and comfort for professional welding tasks. Featuring a wide 92x42mm viewing area and variable shade settings from DIN 9 to 13, it ensures precision and safety across various welding applications. The helmet is constructed from durable, lightweight polypropylene and is powered by a reliable solar-cell system with replaceable lithium batteries.

## Technical Specifications

Viewing Area	3864 mm <sup>2</sup>
ADF Frame Size	110x90mm
Weight	0.48 kg
Material	Polypropylene (PP)

## Performance Metrics

### Switching Time (Light to Dark)

**0.04 ms**

Switching Speed

Shade Range	DIN 9 to DIN 13
UV/IR Protection	Up to DIN 16
Dark to Light Delay	0.6 - 0.8s

## Features & Compatibility

### Power Supply

- Solar cells
- Replaceable lithium batteries

Compatible Applications	MIG, TIG, Argon Arc, Arc Welding, Gas Welding
Fire Resistant	Yes
Darkness Adjustment	External