ORTEC

ORTEC 556

High-voltage power supply

Stable high voltage for photomultipliers, proportional counters and other detector applications. Double-width NIM module with its own mains input.



Net weight
.6 kg [1]

Specifications

MEASURING RANGE

Specified output range	50–3000 V; minimum usable voltage 10 V	[1]

ELECTRONICS & SIGNAL

utput load current	0–10 mA	[1]
Voltage regulation	0.0025% variation in output voltage for combined line and load variations within the operating range, at constant ambient temperature	[1]
Mains input	115 / 230 V AC; 47–63 Hz	[1]
External control voltage	0–±6.9 V DC	[1]

MECHANICAL

Net weight	3.6 kg	[1]

ENVIRONMENT & RATINGS

Temperature instability	<±50 ppm/°C; 0–50°C after 30 min warmup	[1]

GENERAL

Polarity	Positive or negative	[1]
Ripple	<15 mV peak-to-peak; 20 Hz–20 MHz	[1]
Format	Double-width NIM module; powered directly from the AC line	[1]

Sources

[1] **556 and 556H High-Voltage Power Supply**
RTEC (AMETEK) · datasheet · p. 1, Specifications – Performance; p. 1, features; Inputs (AC POWER); p. 1, Inputs (EXTERNAL CONTROL) · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.