

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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30W Power Over Ethernet Adapter

High Power single port injector.



InterOperability Laboratory
Part of the University of New Hampshire Research Computing Center

Features

- Fully Compliant detection, disconnect and voltage control IEEE802.3af
- Diagnostic LEDs
- Non-Vented Case
- UNH IOL Tested
- Full Protection OCP, OVP
- Gigabit Compatible

Applications

- IP Telephones
- Wireless Network Access Points
- Blue Tooth Access Point
- Security Camera
- IP Print Servers

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 140mm (5.51in)
- Width: 65mm (2.55in)
- Height: 36mm (1.42in)
- Weight: 0.2Kg (0.44lb.)

Output Specifications

Model	DC Output Voltage	Load		Regulation	
		Min.	Max.	Line	Load
POE30U-560(G)	56V	0A	0.55A	54-57Vdc under all conditions	

Ripple And Noise*	Vp-p*
<500Hz	0.5
500Hz-150KHz	0.15
150KHz-500KHz	0.15
500KHz-1MHz	0.1

*As per IEEE802.3af Table 33-5.

Phihong is not responsible for any error and change. Content is subject to change without notice. Please consult the factory and visit www.phihong.com for the most up-to-date specifications.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

POE30U Characteristics

WWW.PHIHONG.COM

INPUT:

AC Input Voltage Range
90 to 264VAC

AC Input Voltage Rating
100 to 240VAC,47-63Hz

AC Input Current
0.5A(RMS) max. for 90VAC
0.35A(RMS) max. for 240VAC

Leakage Current
0.25mA max. @ 254VAC 60Hz

AC Inrush Current
15A(RMS) max. for 115VAC
20A(RMS) max. for 230VAC

OUTPUT:

Total Output Power
30W

DC Offset
No Data degradatio with DC imbalance 18mA

Efficiency
65% (typical) at Max. load, and 120VAC 60Hz

Hold-up Time
16mS min. 120VAC and max. load

Transient O/P Voltage Protection
60V max.

ENVIRONMENTAL:

Temperature

Operation	0 to +40°C
Non-operation	-25 to +65°C

Humidity

Operation	5 to 90%

EMC
FCC Part 15 Class B
EN55022 Class B

Isolation Test
Primary to Secondary: 3000VAC for 1 minute 10mA
Primary to F.G.: 1500VAC for 1 minute
Output to F.G.: 1500VAC

Immunity

ESD:	EN61000-4-2. Level 3
RS:	EN61000-4-3. Level 2
EFT:	EN61000-4-4. Level 2
Surge:	EN61000-4-5. Level 3
CS:	EN61000-4-6. Level 2
Voltage Dips	EN61000-4-11
Harmonic:	EN61000-3-2

Insulation Resistance
Primary to secondary: >10M OHM 500VDC
Primary to FC: >10M OHM 500VDC

FEATURE:

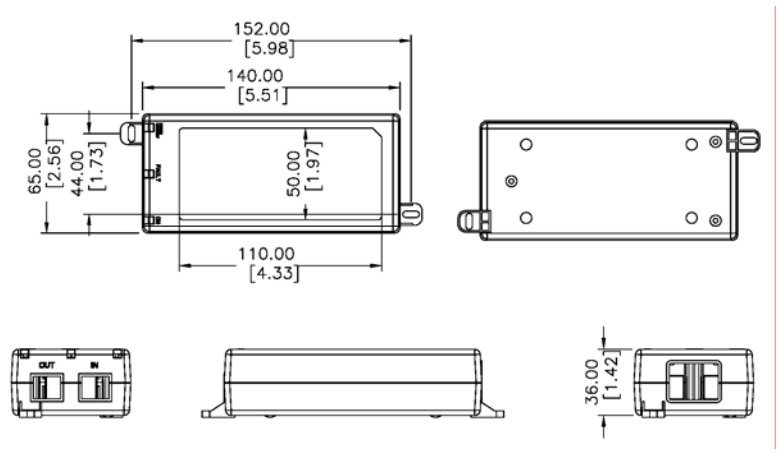
Over Voltage/Current, Short Circuit Protection
Outputs equipped with short circuit protection and overload protection as per 802.3af specification except max average current is 0.55A, Peak 0.6A
The output can be shorted permanently without damage

Indicators
Led #1 indicator for input power “on” GREEN
Led #2 Indicator for fault-RED
Led #3 Indicator that Detected and Connected to valid IEEE802.3af load-GREEN

Input Connector
IEC320 inlet 3 pin

Output Connection
+pins 3,6
- pins 1,2

Dimension Diagram Unit: mm (inch)



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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