

Datasheet: AX-IN-60W-AC-PoE



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Introduction

AX-IN-60W-AC-POE is an indoor POE injector for EtherHaul™ and MultiHaul™ radios. This document provides the regional part numbers, the compatibility rules for the injector with Siklu radios and the specifications the POE.

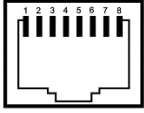
Three models of AX-IN-60W-AC-POE are available, to match the specific AC outlets of the following regions or countries: European Union (EU), United Kingdom (UK), and United States of Americas (USA).

Model	Region	Plug	
AX-IN-60W-AC-POE-EU	European Union (EU)	Type E	
AX-IN-60W-AC-POE-UK	United Kingdom (UK)	Type G	
AX-IN-60W-AC-POE-US	United States of Americas (USA)	Type B	
AX-IN-60W-AC-POE-IL	Israel	Type H	

The compatibility rules for AX-IN-60W-AC-POE with Siklu radios are available in the following table:

Radio models	No PoE-Out (PSE not active)	With PoE-Out (PSE active)
EtherHaul™ 500TX, 600T/TX, 700TX & 710T/TX	AX-IN-60W-AC-PoE	AX-IN-60W-AC-PoE (up to 36W total power to PD's). EH-95W-AC-PoE (up to 52W total power to PD's).
EtherHaul™ 1200T/TX, 1200F/FX, 2200F/FX & 2500F/FX	AX-IN-60W-AC-PoE	AX-IN-60W-AC-PoE
EtherHaul™ 5500FD & 8010FX	AX-IN-60W-AC-PoE	N/A
MultiHaul™	AX-IN-60W-AC-PoE can be used as replacement POE for MultiHaul™ radios.	

The specifications for all models are listed in the following table:

SPECIFICATIONS (all models)			
Parameters		Nominal	Range / Max
Output + (1,2)(4,5)pins - (7,8)(3,6)pins 	DC Voltage	55V	52.25V to 57.75V
	Rated current	-	Max 1.09A
	Rated power	-	Max 60W
Input	AC Voltage	100V to 240V	90V to 264V
	Frequency	50Hz or 60Hz	47Hz to 63Hz
	Efficiency	Energy Level VI	Quiescent power ≤0.21W (no load)
	AC Current	-	Max 1000mA
Environment	Operating Temperature	-	0°C TO 40°C
	Operating Humidity	-	35 to 95% RH. Non-condensing
	Storage Temperature	-	-40°C TO +70°C
	Storage Humidity	-	10 to 95% RH. Non-condensing
Safety	CB/IEC 60065, IEC60950 EN60065, EN60950, UL60950-1	-	-
EMC	CE/EN55013 & EN55022; EN55024, EN55020 FCC Part15 Subpart B, Class B; ANSI C63.4	-	-
Dimension	Length Width Height	138.5 mm 62.5 mm 35.3 mm	
	Power cord	1.5m	IEC 60320-1 type C6 to AC plug