

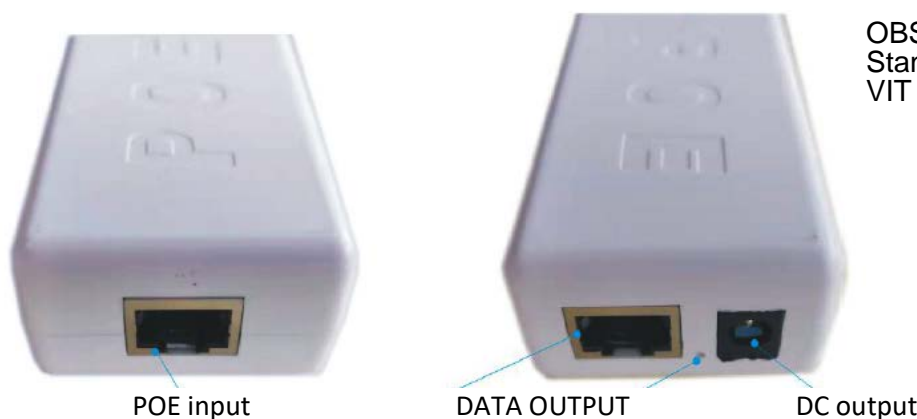
Specification

10/100/1000Mbps Active 802.3af/at POE splitter with Type-C connector

1. Overview:

- 20100113 is a 10/100/1000Mbps isolated POE splitter with Type-C connector which compliant with IEEE802.3af/at standard max up to 20w output.
- Body Size: 80*45*27mm.
- Chip: SY5603, standard isolation transformer 40~57V input.
- POE protocol: IEEE802.3af /at
- Transmission rate: 10/100/1000Mbps
- Compliant with passive 48V-57V POE (45+, 78- only)
- POE power output: 20W (5V/4A)
- isolation voltage: 1500V
- POE pins: (1, 2) +/ (3, 6) and (4, 5) +/ (7, 8) auto adaptive
- Data pins (1, 2) +/ (3, 6) , (4, 5) / (7, 8)
- power output: DC5521 female+type-C cable

2. Picture and size (mm):



OBS!
Standardfärg är SVART
VIT är beställningsvara



2,1mm stift på DC-kontakt

USB-C till 5,5/2,1mm DC-kontakt

3. Electrical parameters:

Voltage input	Active POE 802.3af/at		
Parameters	Minimum	Typical	Max
V-input	40Vdc	51Vdc	57Vdc
V-output	4.85V	5.1V	5.3V
Current output	3.9A	4.0A	4.1A
output ripple	200mV Max		
Efficiency	85% above		
Short circuit protection	Support		

4. Electrical properties

(Ta=25°C)

Item	Parameter	Unit
environment:		
Work temp.	-10~70	°C
Storage temp.	-30~85 (less than 1 month)	°C
	-30~80 (less than 3 month)	°C
	-25~75 (more than 3 month)	°C
Storage humidity	5~95	RH
Protection circuit		
Maximum input voltage	57.0	V
Minimum input voltage	40.0	V
Discharge protection current	4.0	A
Conversion circuit:		
Output voltage (no load)	No pressure drop when no load	5.2V
Output voltage (full load)	Pressure drop is 0.3v	4.9V
Maximum output current	4.1	A
	4.0(typical)	A
Conversion efficiency	Typ. ≥85%	
transformer	1500	V

5. Material requirements

The contents of this specification meet the requirements of eu RoHS directive, and the content of harmful substances meet the following standards:

Harmful substances	mg/kg
Pb	1000
Cd	100
Hg	1000
Cr6+	1000
PBB	1000
PBDE	1000