

## 10/100Mbps Active 802.3af/at POE to Type-C network adapter

### 1. Overview:

- 20112978 is a 10/100Mbps isolated POE to Type-C network adapter which complies with IEEE802.3af/at standard.
- Charging Mobile phone/tablet while surfing the Internet, drive free plug and play
- Body Size: 82\*28\*23mm, cable length 195mm.
- Standard isolation transformer 38~57V input.
- POE protocol: IEEE802.3af /at
- Transmission rate: 10/100Mbps
- Compliant with passive 48V-57V POE (45+, 78- only)
- POE power output: 12W (5V/2.2A typical value)
- 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: Type-c male

### 2. Picture and size (mm):



### 3. Electrical parameters:

Voltage input	Active POE 802.3af/at		
Parameters	Minimum	Typical	Max
V-input	38Vdc	51Vdc	57Vdc
V-output	4.95V	5V	5.3V
Current output	1.9A	2.0A	2.4A
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	38.0	V
Discharge protection current	2.35	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	2.4	A
	2(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