



Feature:

- Ensure power supply for equipment to operate stably when providing 24/7 service
- Make sure not to affect the device when there is a power outage or continuous on and off
- With input overvoltage protection $\geq 3\text{KVA}@8\mu\text{s}/20\mu\text{s}$ (MOV)
- The output overvoltage protection threshold of the Adapter is in the range from 120% to 150%
- Output over-current and short-circuit protection: The adapter will stop working when operating in over-current, short-circuit protection mode and work again when the output is no longer over-current or short-circuited
- Nominal current of the adapter: is the value of the adapter's current stable operation when the output load current reaches $\geq 250\%$ of the average load current of the device when fully serviced
- Insulation between input (AC) and output (DC): $\geq 1.5\text{kV}$, leakage current $< 0.25\text{mA}$: (at least 3s withstand test)
- Insulation Resistance: min $100\text{M}\Omega$ (Input to Output, DC 500V)
- Standards: EN61000-4-4, EN61000-4-5, IEC60950.

Specifications:

- Model: **VTA-1215A-G**
- Technology: Switching
- Rated Power: 18Watts
- Efficiency: $\geq 92\%$

- **AC Input:**

- o **Rated Input Voltage:** Rated operating voltage **100Vac** to **240Vac** input AC voltage
- o **Input Voltage Range:** Operating voltage range **90Vac** to **264Vac** and the range, the unit shall work normally
- o **Rated Frequency:** Input rated AC voltage frequency range **50Hz** or **60Hz** and single phase
- o **Frequency Range:** Input AC voltage frequency range **40Hz** to **80Hz**
- o **The input limit current:** is 500mA (Max) under minimum ac 90V input and full load
- o **Inrush Current:** 30A (Max)
- o **Power In (AC) Plug:** 2 pins or 3 pins, round or flat pins, default 2 pins, round.

- **DC Output:**

- o Output voltage: **12V DC** (Nominal DC Voltage)
- o Output current: **1.5A** (Nominal DC Current)
- o Voltage Tolerance Limit: $\pm 5\%$
- o Overvoltage when power off: $\leq 110\%$ output voltage
- o Output overvoltage protection threshold: $\sim 120\% \rightarrow \sim 150\%$
- o Overcurrent withstand capacity : $\geq 150\%$ of rated load current
- o Output ripple voltage is less than 120mV p-p
- o Output jack DC: Round pins 5.5x2.1x10
- o DC Power Cable:
 - Length 1m ~ 1.8m (1.0m, 1.2m, 1.5m, 1.8m), default 1.5m
 - Flexible double wire, copper conductor crosssection suitable for rated power ($\leq 6A/mm^2$)



- **Environmental Performances:**

- o Operating temperature: $-10^{\circ}C$ to $70^{\circ}C$
- o Storage temperature: $-20^{\circ}C$ to $80^{\circ}C$
- o Operating and storage humidity: $\leq 95\%$ non-condensing

Plug Types:

