



Dual USB Type-C P.D. 100 Watt GaN Series

Wall Mount Type
USA / Japan / Taiwan / AC Plug Changeable

ATN100A3 - W200 

U : US Plug / Changeable Plug
V : Changeable Plug

Features :

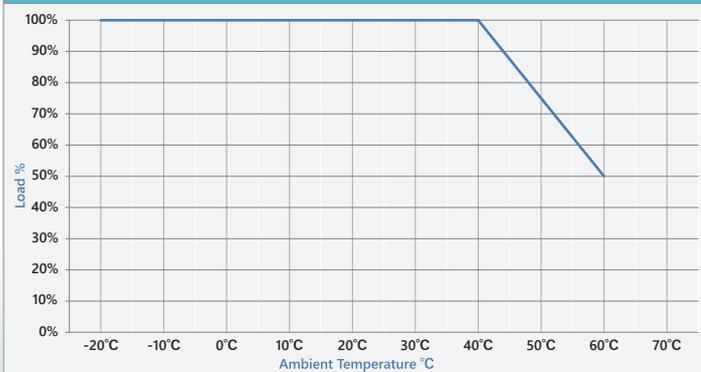
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
- EMC : IEC60601-1-2 (Edition 4.1)
- IEC/EN/UL 62368-1 3rd Edition
- Means of Protection : 2 X MOPP
- 100-240VAC Universal Input
- P.D. 3.0 / QC 4.0+ / QC 4.0
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 2 Years Warranty

| Model | O/P Voltage | O/P Current | Watt |
|---------------------------------------------------------------------------------------------------|-------------|-------------|------|
| ATN100A3-W200  | 5.0V | 3.00A | 15W |
| | 9.0V | 3.00A | 27W |
| | 12.0V | 3.00A | 36W |
| | 15.0V | 3.00A | 45W |
| | 20.0V | 5.00A | 100W |

Input

| | |
|----------------|---------------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 1.3A-0.5A |
| Protection | Internal Primary Current Fuse |
| Configuration | U for US Plug / V for Changeable Plug |

Derating Curve



Output

| | |
|------------------------------|------------------------------------------------------------------------------|
| Load Regulation | ±5% (Typical) |
| Ripple & Noise | ≤ 100m Vp-p @ Full Load |
| Transient (Dynamic) Response | 0.5mS with 50% Load Change |
| Start-up Time | < 3,000mS |
| Hold-up Time | ≥ 10mS @ Full Load |
| Rise Time | < 50mS |
| Protection | Short Circuit Protection / Over Voltage Protection / Over Current Protection |

Electrical

| | |
|-----------------------------------------|--------------------------------------------------------|
| Topology | LLC |
| Dielectric Withstand | 4,000VAC Primary - Secondary |
| Touch Current (Patient) Leakage Current | < 100μA |
| Efficiency | Meet DoE Level VI, ErP Stage 2, CoC Tier 2 |
| EMC Standards | EN55011 |
| | EN61000-3-2,3 |
| | EN61000-4-2,3,4,5,6,8,11 |
| MTBF | 300,000 Calculated Hours at 25°C , by Telcordia SR-332 |

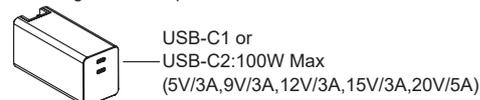
Environmental

| | |
|-----------------------|----------------------------|
| Operating Temperature | -20 to + 40°C |
| Storage Temperature | -20 to + 80°C |
| Operating Altitude | 5,000M |
| Relative Humidity | Operating : 20 to 80% RH |
| | Storage : 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

| | |
|----------------|-------------------------|
| Case Dimension | L 44 × W 35 × H 87 (mm) |
| Weight | 230g (Ref.) |

Single USB-Cx port



Dual USB-Cx ports

