



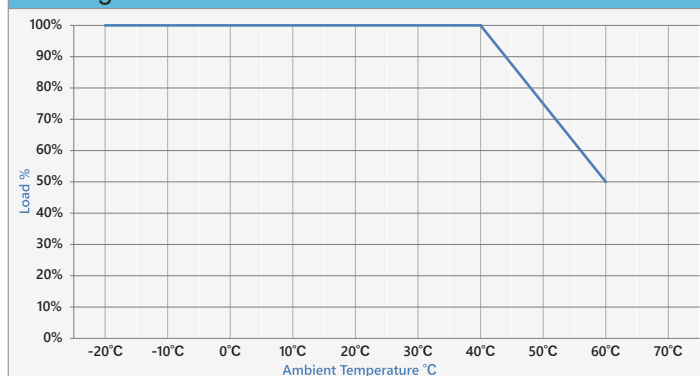
USB Type-C P.D. 45 / 65 Watt Series

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

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

Derating Curve



Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	45W : 1A-0.5A / 65W : 1.6A-0.7A
Protection	Internal Primary Current Fuse
Configuration	U for US Plug / V for Changeable Plug

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	≤ 200m 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	Switching Flyback
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 53.5 × W 31.5 × H 58 (mm)
Weight	ATN045A3 : 125g (Ref.)
	ATN065A3 : 130g (Ref.)



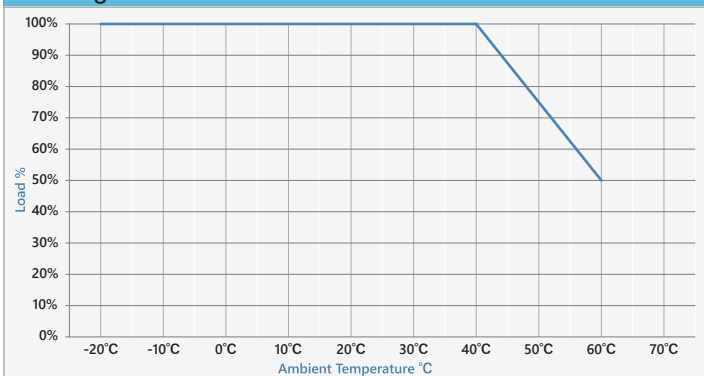
Features :

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- P.D. 3.0 / QC 4.0+ / QC 4.0
- Regulated Output With Low Ripple Noise
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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



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

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

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

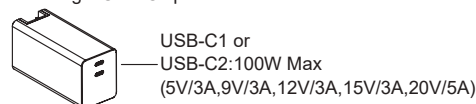
Environmental

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

