

TECHNICAL DATA SHEET

PPL65X-59FAA



DESCRIPTION

This 65-watt USB-C Power Delivery 3.0 Wall Mount adapter features regulated output with low ripple noise.

It meets safety agency requirements and is EMI/EMS certified. Modified and custom designs are available.



CB

CE

FC

RoHS

FEATURES

- ✓ IEC/EN/UL 62368-1 3rd Edition
- ✓ 100-240VAC Universal Input
- ✓ P.D. 3.0 / QC 4.0+ / QC 4.0
- ✓ Modified and Custom Design Available
- ✓ OVP, SCP, OCP



* Clips are sold separately





TECHNICAL DATA

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	65W : 1.6A-0.7A
Protection	Internal Primary Current Fuse

Output

Voltage	+5.0 V $\pm$ 5 % or +9.0 V $\pm$ 5 % or +12.0 V $\pm$ 5 % or +15.0 V $\pm$ 5 % or +20.0 V $\pm$ 5 % (PD 3.0) 5V ~ 21.0 V (PPS)
Current	3.0 A Max. (PD CV Mode , 5 V or 9 V or 12 V or 15 V) 3.25 A Max. (PD CV Mode , 20 V) 5V-21V 3A (2.6A~3.3A) (PPS CC Mode)
Load Regulation	$\pm$ 5% (Typical)
Ripple & Noise	$\leq$ 200m Vp-p @ Full Load
Transient (Dynamic) Response	0.5mS with 50% Load Change
Start-up Time	< 3,000mS
Hold-up Time	$\geq$ 10mS @ Full Load
Rise Time	< 50mS

Electrical

Topology	Switching Flyback
Dielectric Withstand	4,000VAC Primary - Secondary
Touch Current	< 100 μ A
Leakage Current	
Efficiency	Meet DoE Level VI, ErP Stage 2, CoC Tier 2
EMC Standards	EN55011
MTBF	300,000 Calculated Hours at 25 $^{\circ}$ C , by Telcordia SR-332

Environmental

Operating Temperature	-20 to + 40 $^{\circ}$ C
Storage Temperature	-20 to + 80 $^{\circ}$ 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 $\times$ W 31.5 $\times$ H 58 (mm)
Weight	PPL65X-59FAA 130g (Ref.)

Models

PPL65X-59FAA	O/P Voltage	O/P Current	Watt
	5.0V	3.00A	15W
	9.0V	3.00A	27W
	12.0V	3.00A	36W
	15.0V	3.00A	45W
	20.0V	3.25A	65W





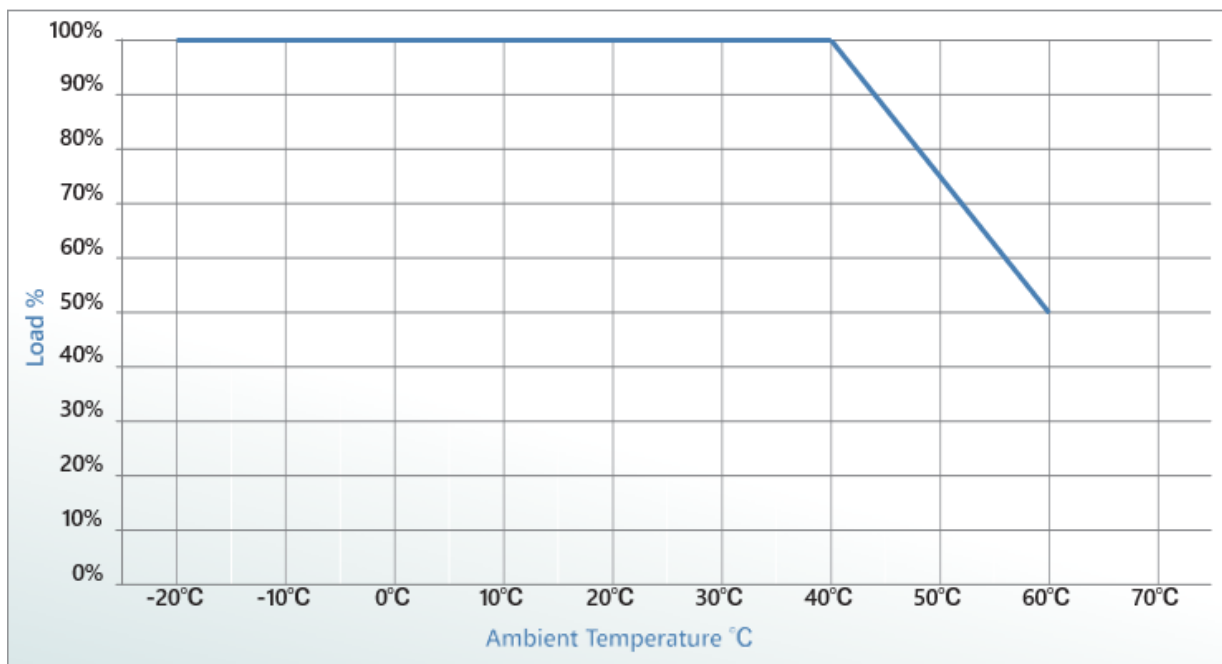
TECHNICAL DATA

Clips

US	XPA
UK	XPB
EU	XPE
AU	XPS

Clips are sold separately

Derating Curve



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