

PTWA-048C SERIES
48W USB-C/USB-A Power Supply for I.T. Equipment


- Input Voltage 100 to 240 VAC, 50 to 60Hz
- USB Type-A (QC3.0) and USB Type-C (PD) Dual Output
- Interchangeable AC Plug
- Meet Energy Efficiency DoE Level VI
- Class II Insulation
- Color Options: White & Black

1 Year Warranty
Approvals:
Dual Output

Product Number	Output Voltage	Max. Output Current	Output Regulation	Maximum Output Power
PTWA-048C	USB Type-C (PD): 5/9/12/15/20 VDC USB Type-A (QC3.0): 5/9/12 VDC	(See specification)	±5%	Type-C 30W / Type-A 18W 48W Max Total

Specification

Input	Rated Input Voltage	100Vac TO 240Vac	Rated Input Frequenc	50/60Hz
	Input Voltage Range	90Vac TO 264Vac	Inrush Current	60A Max.At 100-240Vac Input For A Cold Start At 25 .
	Input Current	500mA max.at 100-240Vac Input	Leakage Current	0.25mA Max
	Efficiency	Meet Average Efficiency Achieves DOE VI And Euro COC VI 4.0		
Output	Voltage(VO)	USB Type-C PD : 5V/9/12/15/20VDC USB Type-A QC3.0 : 5V/9V/12VDC		
	Output Regulation	±5%@constant Volatage Mode		
	Current Regulation	±5%@constant Current Mode		
	Current limit	Type C: 3A max@5V /3A max@9V /2A max@12V/2A max@15V/ 1.5A max@20V QC3.0 : 3A max@5V/2A max@9V /1.5A max@12V		
	Ripple and Noise	200mVp-p max @20MHz Bandwidth 47uF Ele.Cap.+0.1uF Cer.Cap.		
	Maxinum Power(PO)	48W max		
	Hold-up Time	10ms Typical At Full Load@ 115v		
	Protection	Over-current Protection;short-circuit Protection;Over-voltage Protection		
	DC Cable	N/A		
	USB	USB Type-A + TYPE-C		
EMC	EMI	FCC CLASS B;CISRP22 CLASS B;EN55022		
	EMS	IEC61000-4-2,3,4,5,6,8,11		
Safety	LVD,EN60950,EN60065,UL6095,UL60065,J60950,J60065,GB4943,GB8898			
Environmental	Operation Temperature	0 to 40 ambient		
	Storage Temperature	-10 to 70		
	MTBF:>50,000 hours At Full Load And 25 Ambient Temperature MIL-HDBK-217F			
Weight	155g			

Mechanical Diagrams

