

29W USB 3.1 Type C Adapter



Meic 29W USB3.1 Type-C Power Delivery (PD) adapter is an ideal charging solution for mobile devices. The 29W model follows USB 3.1 PD Profile 3 and has output Voltages 5V&14.8V to charge chromebook and MacBook .In addition ,with the latest USB 3.1 Type-C receptacle, it allows the USB 3.1 Cable either up or down orientation and reversible Plug-in. It delivers both low no-load power consumption(<75mW) and high average efficiency (>88%) to meet DoE Level 6 and CoC V5 Tier 2 requirements.

■ FEATURES

Efficiency	DoE Level VI & Coc V5 Tier 2
No Load Input Power	<75mW@ 115V/60HZ &230V 50HZ
Protection	OCP, OVP,SCP
Insulation Resistance	Primary to Secondary>10M,500Vdc
Dielectric Withstand Voltage	3000Vac,10mA for 1min.
OVP	7.85V,20V
OCP,SCP	Auto recovery
Average Efficiency	5V/3A: >81.8% 14.8V/1.96A: >88.5%
Efficiency@10%output	5V/3A: >72% 14.8V/1.96A: >78.4%
AC Plug	CCC
Weight	100(g)

■ Electrical Specifications

Input Voltage	100~240Vac(90-264Vac min/max)
Frequency	50/60HZ Nom (47-63Hz min/max)
Input Current	0.8A(RMS) max
Output Voltage	5V, 14.8V
Output Current	3A/1.96A
Maximum Output Power	29W
Output Ripple & Noise	300mV(pk-pk) @25°C and 115&230Vac
AC Inrush Current	<50A max@115Vac and <90A max@230Vac
Over-shoot	10%
Hold-up Time	>10ms typ@115Vac/60HZ and rated load
Turn-On Delay Time	<3 sec at 90V/60HZ
Rise/Fall Time	< 50mS at 115Vac/60HZ

■ Environmental Specifications

Operating Temperature	-5°C ~ 45°C
Storage Temperature	-20°C ~85°C
Humidity, Operation	10~90% RH
Humidity, Storage	5~90% RH
MTBF(MIL-HDBK-217F)	100K hrs min.at 240Vac,rated load 25°C

■ Safety and Compliance

Safety Requirement	UL/CUL/CE/CB/CCC/PSE
EMI Requirement	EN55022 Class B & FCC Class B
Immunity requirement	
ESD test	EN61000-4-2.Contact:±8KV Air :±15KV
RS test	EN61000-4-3. 3V/m
EFT test	EN61000-4-4. 1KV
DIP test	EN61000-4-11. Level 3
Surge test	EN61000-4-5 Line to Line:1KV Line or Neutral to PE: 2KV

■ Dimensions: mm

