

EUM114A Series

• 140W Max.

GaN PD Charger (USB Type-C)



Features

- 2 x MOPP, IEC/EN60601-1 Compliance
- USB Power Delivery Function
- Gallium Nitride Based Design
- LED Indicator
- Protections:
 - Short circuit / Over voltage / Over current
 - Over temperature (optional)
- Energy Efficiency Level VI, CoC Tier II
- No Load Power Consumption $\leq 0.21W(VI)$, $\leq 0.15W(\text{CoC Tier II})$
- MTBF > 100,000 hours
- P.D. 3.1 / QC 4.0+ / QC 4.0
- Customized Solutions Available

EUM114A X Y - PP

- X:** AC inlet: 1.C14 2.C8 3.C6 6.C18
Y: Output range
PP: DC plug code 92 for USB Type-C

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD(Io)	MAX. LOAD(Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EUM114A	140W	5V	0A	3A	$\pm 5\%$	$\pm 1\%$	100mV
		9V	0A	3A	$\pm 5\%$	$\pm 1\%$	180mV
		12V	0A	3A	$\pm 5\%$	$\pm 1\%$	240mV
		15V	0A	3A	$\pm 5\%$	$\pm 1\%$	300mV
		20V	0A	5A	$\pm 5\%$	$\pm 1\%$	360mV
		28V	0A	5A	$\pm 5\%$	$\pm 1\%$	360mV

NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60 Hz
- Input Current $\leq 2A$
- Inrush Current $\leq 130A/230VAC$
- Hold up time $\geq 10ms$
- Turn On Time $\leq 3s$

OUTPUT

- Short Circuit Protection Auto Recovery
- Over Voltage Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Auto Recovery (optional)

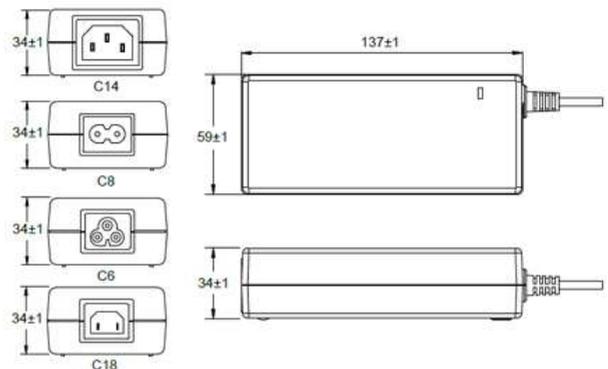
ENVIRONMENT

- Operating Temperature -20 to 40°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90 %
- Storage Humidity 5% to 95 %

SAFETY

- Complied with ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, TUV EN 60601-1, CB IEC 60601-1, CE EMC(EN 60601-1-2), UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), UKCA

MECHANICAL



- Case Size: 137L x 59W x 34H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 500g