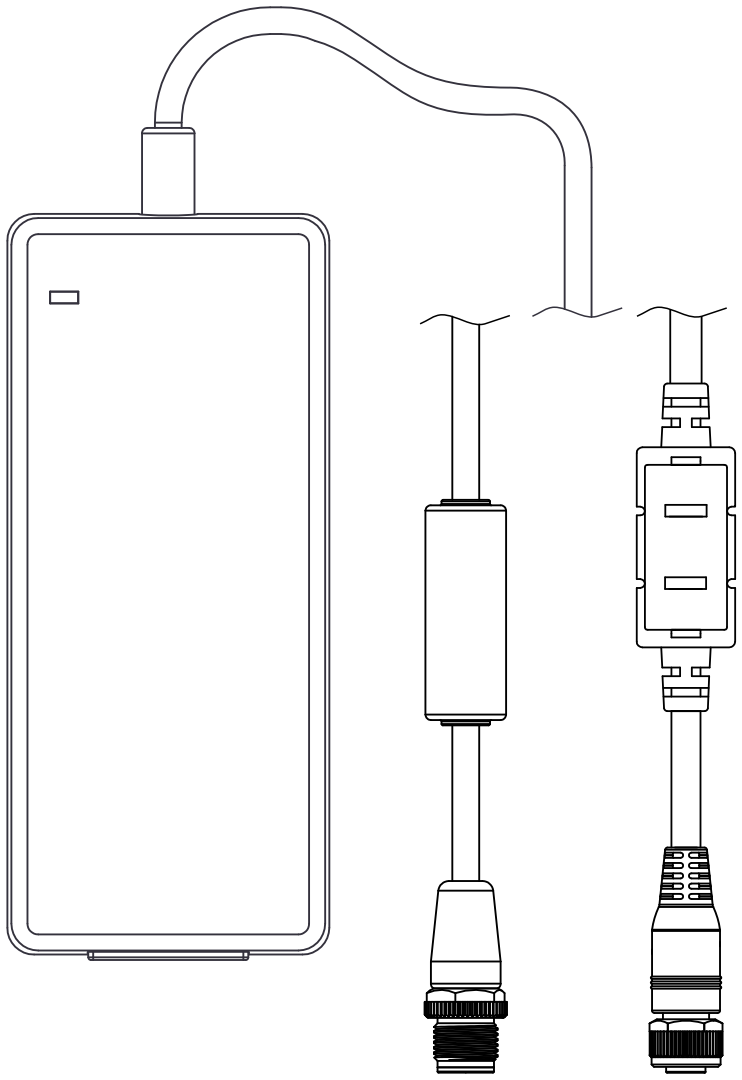
Zivid Power Supply

Datasheet

Date: 02.11.2025
Revision: 2.0
Product codes: ZVDA-PWR-EU
ZVDA-PWR-US
ZVDA-PWR-UK
ZVDA-PWR-CN
ZVDA-PWR-AUZ

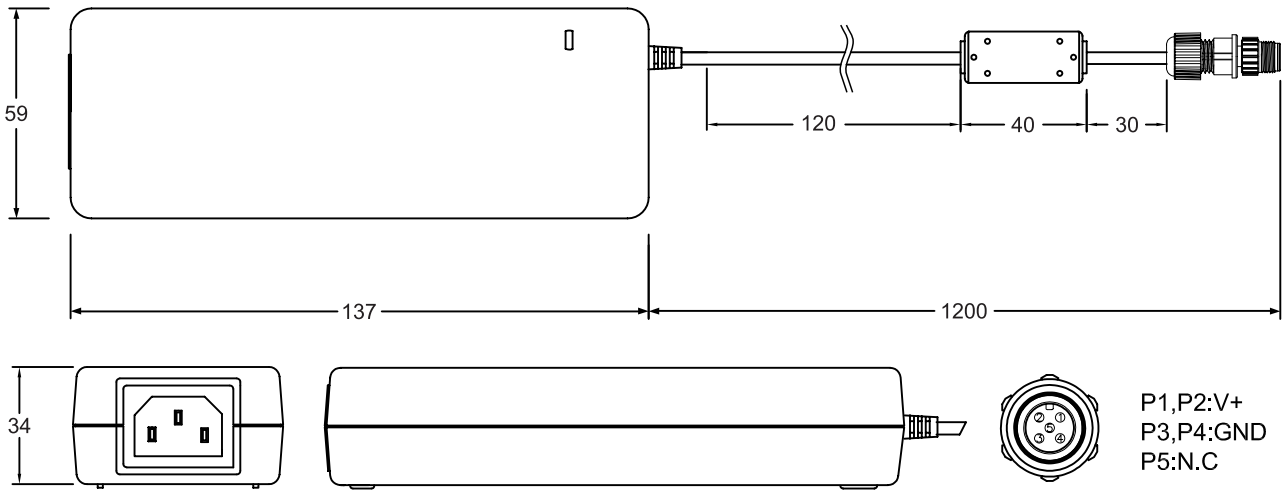
ZVDA-PWR-F-EU
ZVDA-PWR-F-US
ZVDA-PWR-F-UK
ZVDA-PWR-F-CN
ZVDA-PWR-F-AUZ



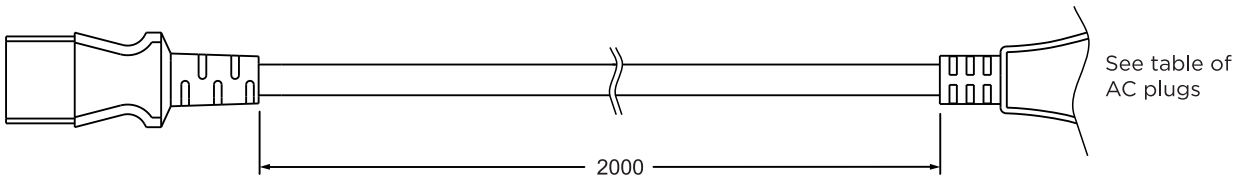
General specifications

Material	Flame retardant plastic enclosure (UL 94 V-0) Cable: PVC jacket
Size (LxWxH)	137 x 59 x 34 mm
Weight	460 g (without extension cord)

Technical Drawing



Ordering code	Region	Plug
ZVDA-PWR-EU	Europe	CEE 7/4
ZVDA-PWR-US	USA / Japan	NEMA 5-15
ZVDA-PWR-UK	UK	
ZVDA-PWR-CN	China	
ZVDA-PWR-AUZ	Australia	



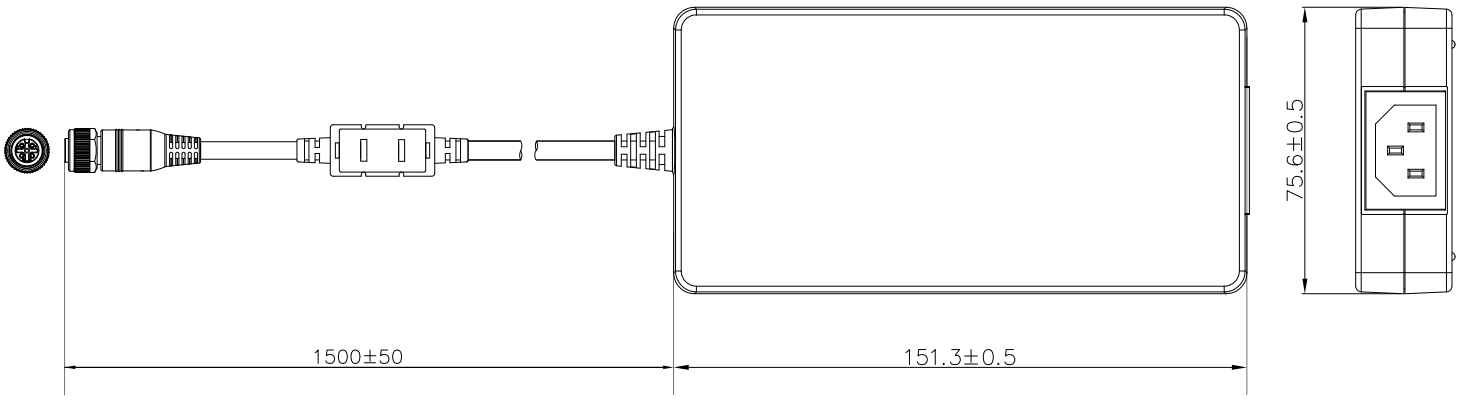
Electrical Specification ZVDA-PWR

Input	110-240 Vac 50-60 Hz Max 2.0 A (@ 115 Vac) / 1,5 A (@ 230 Vac)
Line regulation	1 % of rated input voltage at full load
Rise time	< 50 msec with full load from 10% to 90% voltage
Output	24 V (±5%) 5 A max < 1,5 % ripple noise 110 % - 170 % current over protection
Dynamic load regulation	±5% excursion for: 50% - 100% or 100% - 50% load change of DC output at any frequency up to 1KHz(duty 50%)
Environmental	Operating: 0 to 40 °C, 10 % to 90 % humidity Storage: -20 to 85 °C, 5 % to 90 % humidity

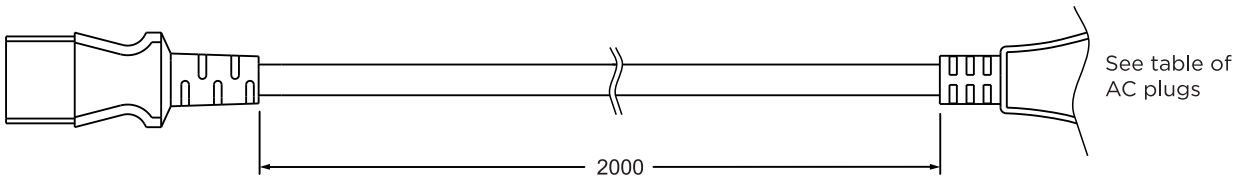
General specifications

Material	Flame retardant plastic enclosure (UL 94 V-0) Cable: PVC jacket
Size (LxWxH)	137 x 59 x 34 mm
Weight	460 g (without extension cord)

Technical Drawing



Ordering code	Region	Plug
ZVDA-PWR-F-EU	Europe	CEE 7/4
ZVDA-PWR-F-US	USA / Japan	NEMA 5-15
ZVDA-PWR-F-UK	UK	
ZVDA-PWR-F-CN	China	
ZVDA-PWR-F-AUZ	Australia	



Electrical Specification ZVDA-PWR-F

Input	100-240 Vac 47-63 Hz ≤ 1,8 A
Line regulation	1 % of rated input voltage at full load
Rise time	< 50 msec with full load from 10% to 90% voltage
Output	24 V (±5%) 5 A max < 350 mVp-p (@ 100 Vac, 240 Vac / 0 - 5 A load)
Dynamic load regulation	24 V ±10% for: (1) Output load step: [1] 50% - 100% [2] 100% - 50% (2) S/R = 0.5 A/µs (3) Frequency is 100 Hz and 1 KHz
Environmental	Operating: 0 to 40 °C, 20 % to 80 % humidity Storage: -20 to 80 °C, 10 % to 90 % humidity