



Description

The Powerland 839W constant current and constant voltage output power supply is an SMPS power supply with a metal shell, which has ultra-high efficiency, high reliability, and ultra long service life. It supports CAN.



Applications

- E-motorcycles

Features

- Input voltage: 90-264V Output
- High efficiency: The typical efficiency value at full load of 230V is 92%
- Equipped with lightning protection/input undervoltage protection/output
- With CAN communication function
- With LED indicator lights
- Output power: 840W
- High power factor: typical value of 0.96 at full load of 230V
- SMPS Unit (With Metal Case)/With Metal Case
- Protection level: IP55

Specifications

Model	PLD839-EVAX02-08410SCK	
Typ Input Voltage	115Vac	230Vac
Input Voltage	90~264Vac	
Input Frequency	47~63Hz	
Output Voltage	53~84V	40~84V
Output Current	9.7A~10.3A	
Max. Output Voltage	86.3V	86.3V
Output Power	840W	
Max. Input Current	7A @25°C 115Vac&full load	5.5A 25°C @230Vac&full load
Output constant voltage point	86±0.3V@ CC model 0.5A	
Efficiency	90%	92%
Power Factor	0.97	0.96
Communication	CAN	
Ripple & Noise	Current Ripple: ±15% lo max., with typical Battery at 25°C, @ 220Vac input , measured at 20MHz bandwidth.	
Turn-on Delay Time	5.0s max. @ Full Load	
Protections	OVP, SCP,OTP, CFP,UVP,	
Ingress Protection	IP55	
Working Temperature	-10~40°C	-20~55°C
Max. Case Temp.	20°C	
Safety	CE	
Isolation	Primary to Secondary: 3000Vac / 10mAMax / 60seconds (3second for production) Primary to Earth: 1500Vac 10mA max./60 seconds (3 seconds for production) Secondary to Earth: 1200Vac 10mA max./60 seconds (3 seconds for production)	
Dimensions (LxWxH)	340±1*175±1*85±1mm	
Weight	2.7KG max	