

## Descriptions

Powerland's 48W and 300W wide input range DC/DC modules are featured with extraordinary circuit designs, providing performances of high power density, high reliability, and high efficiency. The module is designed with perfect thermal management, anti-shock technique, and super long life time.



## Features

- Ultra-Wide Input Voltage Operation
- Ultra High Reliability
- High Efficiency: Up to 94%
- All-Around Protections: OVP, SCP, OTP
- Natural Cooling
- On/Off Control

## Specifications

Model	PLD320-WDDA	PLD048-WDDA
Power	300W	48W
Input Voltage	28~160Vdc	22~160Vdc
Output Voltage	24V	24V
Output Current	12.5A	2A
On/Off	Yes	Yes
Isolation	No	Yes
Efficiency	94%	86.5%
Operating Temperature (Case)	-40~85°C	-40~85°C
Dimensions (LxWxH)	100x90x27mm	100x90x27mm
Cooling	Natural Cooling	Natural Cooling

\* Unless otherwise noted, the data are based on 25°C ambient temperature, 48V input voltage and full load.