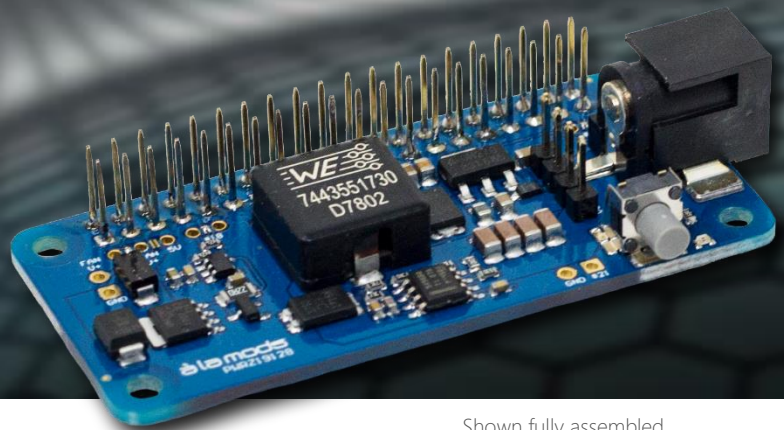


# POWER



Shown fully assembled

A power supply designed specifically for the Raspberry Pi Z and the à la mods peripheral stack of modules. This power supply provides several output voltages with plenty of power for the Raspberry Pi Z and additional accessories. It also supports a wide input range (7 – 36 Vdc).

- Triple output tap power module
- Enough power for the SBC and other add-on modules
- Stackable à la mods symmetrical power bus
- Selectable power configurations
- DC Fan interface – voltage selectable
- Standard Raspberry Pi® 40 pin header pinout
- Uses < 10mA at 3.3V which can be sourced by SBC or internally
- Indicator LED connected to pin 22 GPIO25

# SPECIFICATIONS

Input Vin	7 – 36 (Vdc)
Input Interface	2.1 x 5.5 mm center positive DC barrel jack
Outputs	3.3 (Vdc) @ 800 (mA) – power bus port 0 - LDO 5V input
	5.0 (Vdc) @ 2/3.0 (A) – power bus port 1 - TI LMR14050 switch mode power
	Vo (direct connect to Vin) – power bus port 2
Fan V+ Output Voltage	5 Vdc or Vo (Vin)
Fan V+ Output Current	2.0 (A <sub>max</sub> )
Power	10 (mA <sub>max</sub> ) @ 3.3 Vdc
Operating Temp	0 °C to +50 °C Ambient
L x W	2.56 x 1.18 (65.0 x 30.0 mm)
Height (above pcb)	0.44 (11.1 mm)
Mounting	Tall connector (17 mm standoffs)

# ORDERING DETAILS

ORDER NO.	POWER	OUTPUTS	DESCRIPTION
PWRZ19128-20W *	20 W	5V @ 4 (A <sub>max</sub> ), VO @ 3 (A <sub>max</sub> )	20W basic DC-DC power supply

\* includes 2x20 pin Tall Female Header Connector & 4 pin Male Header Connector