



# 12V DC Power Supply

The Vodafone 12 V DC Power Supply is an accessory that can be used to power Vodafone MachineLink devices.

## Key features

- International Efficiency Level VI Power supply for US, Level (V) for Europe
- No-Load Power Consumption: 0.1 W (115 V AC 60 Hz)
- Average Efficiency in Active Mode: 85% (115 V AC 60 Hz)
- Maximum input voltage range: 90 – 264 V AC (100 – 240 V AC Normal)
- Maximum input frequency range: 47 – 63 Hz (50/60 Hz Normal)
- Output voltage range: 11.4 – 12.6 V DC (Typical 12 V DC)
- Maximum output current: 1.5 A
- Maximum ripple and noise: 150 mV peak to peak
- Maximum output overshoot: 10%
- Protection against Over-Voltage, Over-Current and Short-Circuit
- Temperature range: 0°C – 40°C (Operating), -30°C – 70°C (Storage)

- Relative humidity range: 10% – 90%
- Altitude range: Sea level to 2,000 m
- Lead length: 1.5 m
- Open-ended wires to suit terminal blocks of NetComm Wireless routers
- Multiple plug types for global use
  - Types: A, C, D, F, G, I

## Safety standards

- EMC Emissions to EN55022, FCC Part 15 Class B, GB9254, J55022
- EMC Immunity to EN55024
- IEC61000-4-4 Electrical Fast Transient Burst (EFT)
  - Power Line to Line: 1 kV
- EN61000-4-5 Lightning Surge Attachment
  - Power Line to Line: 2 kV
- Complies with:
  - EU Directive 2011/65/EU “RoHS”
  - EU Directive 2012/19/EU “WEEE”
  - REACH

Item	Country	Standard
UL	USA	UL60950-1
CUL	Canada	CSA C22.2 NO. 60950-1
CE	Europe	EN60950-1, REACH SCIP, RoHS
SAA	Australia	AS/NZS 60950
CCC	China	GB4943
PSE	Japan	J60950
BSMI	Taiwan	IEC 60950-1
PSB, SPRINGS	Singapore	IEC 60950-1
EAC	Russia	IEC 60950-1
RATEL	Serbia	IEC 60950-1
SII	Israel	IEC 60950-1
KC	Korea	K60950-1
IRAM	Argentina	IEC 60950-1
BIS	India	IS 13252(Part 1):2010/IEC 60950-1:2005
CU CoC	Kazakhstan	
CU (EAC)	Kyrgyzstan	
NOM	Mexico	
MCINET	Morocco	EN 55032, NM EN 55024, NM EN 61000-3-2, NM EN 61000-3-3, NM EN 60950-1
RCM	New Zealand	AS/NZS 60950
LoA	South Africa	