

## Alimentatore Esterno

### Caratteristiche

- Ingresso universale 100-240 V CA
- Adattatori diretti EURO Fixed Plugtop
- Approvato secondo TUV-GS, CE, RoHS e REACH
- Approvato secondo la norma di sicurezza EN/IEC 62368-1
- Conforme al livello di efficienza VI e (UE) 2019/1782
- Certificato EMC Classe B
- Uscita singola 4-30 V CC
- OVP, OCP, OTP e cortocircuito

I nostri alimentatori esterni sono certificati secondo gli standard TUV-GS, CE, RoHS, REACH e IEC/EN 62368-1 e conformi alla normativa (UE) 2019/1782, livello VI di efficienza energetica. Questi alimentatori sono compatibili con i nostri device DeskWare, TeamWare e PowerWare.



l'immagine è utilizzata a scopo esemplificativo

| Models    | Output Voltage | Output Current | Output Power |
|-----------|----------------|----------------|--------------|
| VP-GS-031 | 5VDC           | 3A             | 15W          |
| VP-GS-066 | 12VDC          | 1.5A           | 18W          |

| Input Data      | Min | Typical | Max  | Units | Notes                        |
|-----------------|-----|---------|------|-------|------------------------------|
| Input Voltage   | 90  |         | 264  | V AC  | 100-240VAC +/- 10%           |
| Input Frequency | 47  |         | 63   | Hz    | 50-60Hz +/- 5%               |
| Input Current   |     | 0.5     |      | A     |                              |
| Inrush Current  | 0   |         | 60   | A     | At cold start, 100 / 240V AC |
| Leakage Current |     |         | 0.25 | mA    |                              |

| Output Data              | Min | Typical | Max | Units | Notes   |
|--------------------------|-----|---------|-----|-------|---|
| Output Voltage           | 3   |         | 6   | %     |   |
| Ripple & Noise           | 1   |         | 3   | %     |   |
| Over Current Protection  |     |         |     |       | Typically, 115-135% of Rated Current  |
| Short Circuit Protection |     |         |     |       | Continuous short circuit proof.<br>Will recover if fault condition is removed |
| Over Voltage Protection  |     |         |     |       | Will recover if fault condition is removed                                    |

| Environmental Data    | Min | Typical | Max | Units | Notes                |
|-----------------------|-----|---------|-----|-------|----------------------|
| Operating Temperature | 0   |         | +45 | °C    |                      |
| Storage Temperature   | -20 |         | +80 | °C    |                      |
| Operating Humidity    | 10  |         | 90  | °C    | Operating 10% to 90% |
| Storage Humidity      | 5   |         | 95  | °C    | Storage 5% to 95%    |

| Other Information | Min                          | Typical | Max | Units | Notes  |
|-------------------|------------------------------|---------|-----|-------|--|
| Isolation         |                              |         |     |       | 2KVdc, between primary and secondary circuit |
| MTBF              |                              | 50000   |     | hrs   |  |
| Weight            | 200 +/-10g                   |         |     |       |  |
| Dimensions        | Refer to mechanical drawings |         |     |       |  |

| EMC Emissions (2014/30/EU) | Standard     | Test Level | Criteria | Notes   |
|----------------------------|--------------|------------|----------|---|
| Conducted                  | EN 55032     | Pass       | B        | EMC Directive 2014/30/EU                              |
| Radiated                   | EN 55032     | Pass       | B        |   |
| Harmonic Standard          | EN 61000-3-2 |            | Class D  | P.F. shall >0.95 @100Vac input and >0.9 @240Vac input |

| EMC Immunity (2014/30/EU) | Standard      | Test Level | Criteria | Notes  |
|---------------------------|---------------|------------|----------|--|
| EMS                       | EN 55035      |            |          |  |
| EMS                       | EN 61204-3    |            |          |  |
| ESD                       | IEC 61000-4-2 |            | B        | Contact: +/- 4KV; Air: +/- 8KV                                 |
| RS                        | IEC 61000-4-3 |            |          | Frequency: 80-1000MHz;<br>Field Strength: 3V/M ' 80% AM (1KHz) |
| EFT                       | IEC 61000-4-4 |            | A/B      | 0.5/1.0KV on input AC power ports                              |
| Surge                     | IEC 61000-4-5 |            | A        | Line to Line: +/- 1KV (peak);<br>Line to F.G: +/- 2KV (peak)   |
| Conducted                 |               |            |          |  |
| PFMF                      |               |            |          |  |
| Dips and Interruptions    |               |            |          |  |

| Safety Approvals            | Safety Standards   |
|-----------------------------|--|
| RoHS/REACH                  | RoHS Directive (EU) 2015/863 & REACH (205 SVHC)                    |
| CE LVD Directive 2014/35/EU | Yes (UK/European) – Only applicable for UK & EURO plugs. (-1) (-2) |
| cULus                       | Yes – Only applicable for US plug. (-1)                            |
| TUV                         | Yes (German/European) – Only applicable for EURO plug. (-2)        |
| RCM & C-Tick                | Yes – Only applicable for Australian plug. (-4)                    |

