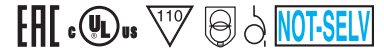


Direct current dimmable electronic drivers  
Alimentatori elettronici regolabili in corrente continua



DIM-TO-WARM



Article - Articolo	Code - Codice
FPD PROGRAMMING TOOL	127098
LINK TO DOWNLOAD PROGRAMMING SOFTWARE LINK PER SCARICARE SOFTWARE DI PROGRAMMAZIONE <a href="http://www.tci.it/TCI_tools/FPD_PROGRAMMING_TOOL_127098.zip">www.tci.it/TCI_tools/FPD_PROGRAMMING_TOOL_127098.zip</a>	



<sup>(1)</sup> Referred to  $V_{in} = 230$  V, 100% load  
Riferito a  $V_{in} = 230$  V, carico 100%

## 4.4

High power programmable

**Rated Voltage**  
Tensione Nominale  
120 ÷ 277 V

**Frequency**  
Frequenza  
50-60 Hz

**AC Operation range**  
Tensione di utilizzo AC  
108 ÷ 305 V

**Power - Potenza**  
18 ÷ 200 W

**iTHD**  
≤ 20% <sup>(1)</sup>

**Stand by power**  
≤ 0,5 W

**Output current ripple**  
≤ 5% <sup>(1)</sup>

**Standards compliance**

EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547  
VDE 0710-T14

**Max. pcs for CB B16A**

(see page info17)

75W: 8 pcs  
100W: 8 pcs  
150W: 5 pcs  
200W: 4 pcs

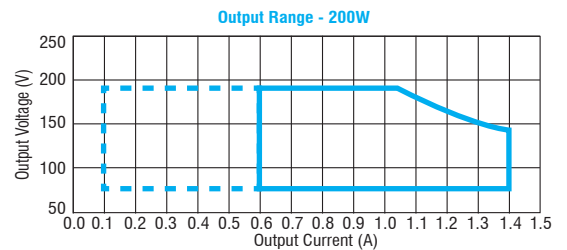
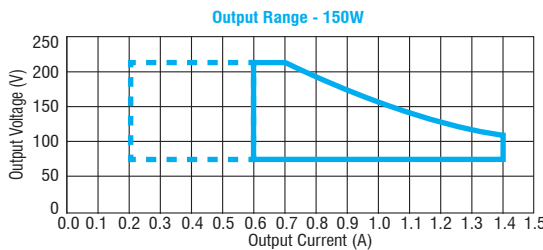
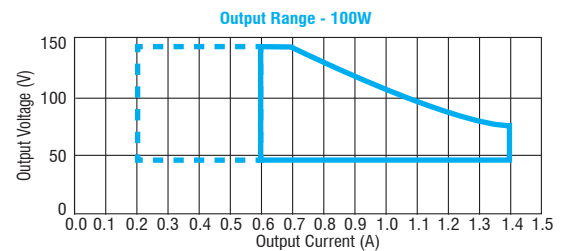
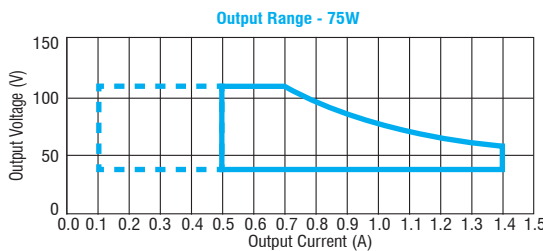
**In rush current**

75W: 65A 250μsec  
100W: 65A 250μsec  
150W: 110A 250μsec  
200W: 180A 200μsec

**Power Factor**

75W: λ for  $P_o=40$ W <sup>(2)</sup>  
100W: λ for  $P_o=34$ W <sup>(2)</sup>  
150W: λ for  $P_o=53$ W <sup>(2)</sup>  
200W: λ for  $P_o=53$ W <sup>(2)</sup>

Article Articolo	Code Codice	P out W	V out DC <sup>(1)</sup>	I out DC	Default I out DC	U out V	ta °C	tc °C	λ max. Power Factor <sup>(2)</sup>	η max. Efficiency <sup>(1)</sup>
VEGA 75/500-1400 FPD	127800	18...75	36...107	500...1400 mA cost.	700 mA	120	-40...+65	80	0,95	> 92
VEGA 100/600-1400 FPD	127801	28...100	47...143	600...1400 mA cost.	700 mA	170	-40...+65	80	0,95	> 92
VEGA 150/600-1400 FPD	127802	43...150	72...214	600...1400 mA cost.	700 mA	250	-40...+65	85	0,95	> 93
VEGA 200/600-1400 FPD	127803	45...200	75...190	600...1400 mA cost.	1050 mA	230	-40...+65	90	0,95	> 94



— Programmed Range    - - - - 1-10V DIM Range

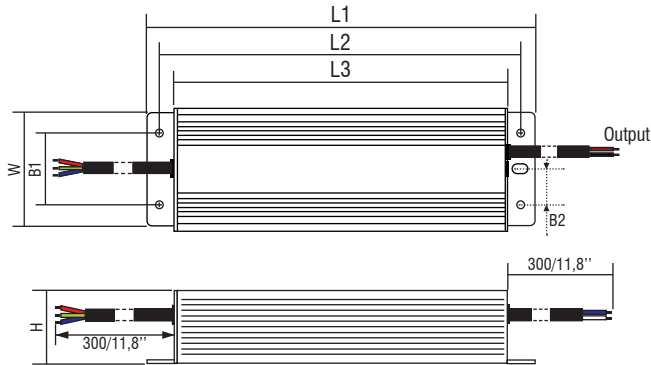
### Features

- **Multipower driver with programmable current.**
- Built-in driver with case IP52 (see page info7 for the correct connection of connecting leads).
- Class II protection against electric shock for direct or indirect contact.
- Active Power Factor Corrector.
- Auxiliary output 12 V max. 50 mA.
- Analogical input for thermal sensor connection.
- Current regulation ± 10 % including temperature variations.
- Supplied with connecting leads on primary and secondary circuits for connection.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

### Caratteristiche

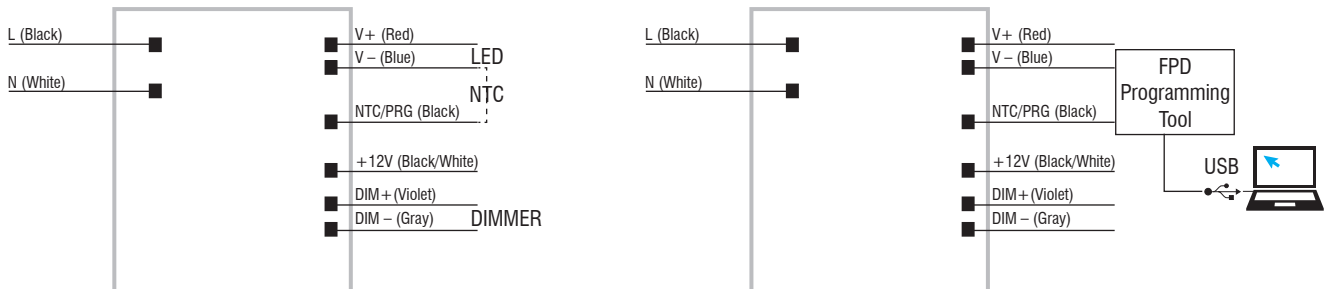
- **Alimentatore multipotenza con correnti programmabili.**
- Alimentatore da incorporare con case IP52 (vedi pagina info7 per il corretto collegamento dei cavi di connessione).
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- PFC attivo.
- Uscita ausiliare 12 V max. 50 mA.
- Entrata analogica per sensore termico.
- Corrente regolata ± 10 % include variazioni di temperatura.
- Fornito di cavi di connessione su primario e secondario per il collegamento.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.

**Direct current dimmable electronic drivers**  
**Alimentatori elettronici regolabili in corrente continua**



Article Articolo	Dimensions - Dimensioni						Weight - Peso
	L1	L2	L3	W	H	B1	
<b>VEGA 75/500-1400 FPD IP67</b>	168	153	139	60	38	43	gr. 659 / 23,3 oz.
<b>VEGA 100/600-1400 FPD IP67</b>	168	153	139	60	38	43	gr. 689 / 24,3 oz.
<b>VEGA 150/600-1400 FPD IP67</b>	241	226	212	60	38	43	gr. 1013 / 35,8 oz.
<b>VEGA 200/600-1400 FPD IP67</b>	241	226	212	60	38	43	gr. 1077 / 38 oz.

**Wiring diagrams - Schemi di collegamento** (Max. LED distance at page info8 - Massima distanza LED a pagina info8)



### Operation Mode

- **FULL PROGRAMMABLE (FPD)** devices allow the user to set different parameters without need of switching on the product.
- The main available features are: **CURRENT** setting (AOC step 1 mA), **MIDNIGHT** functions, **NTC**, **1...10 V** dimming (I=0,25 mA).
- The **FULL PROGRAMMABLE (FPD)** functions can be set with the **FPD PROGRAMMING TOOL** interface through **NTC/V-** port.
- Light regulation: 10-100% (minimum dimming current 100 mA).
- Dimming method is linear.

For additional details for regulations see pages info12-14.

### Modalità di funzionamento

- I dispositivi **FULL PROGRAMMABLE (FPD)** permettono all'utente di impostare diversi parametri senza la necessità di accendere il prodotto.
- Le principali caratteristiche disponibili sono: settaggio della **CORRENTE** (AOC step 1 mA), funzioni **MIDNIGHT**, **NTC**, dimmerazione **1...10 V** (I=0,25 mA).
- Le funzioni **FULL PROGRAMMABLE (FPD)** possono essere impostate con l'interfaccia **FPD PROGRAMMING TOOL** tramite porta **NTC/V-**.
- Regolazione della luminosità: 10-100% (corrente minima in regolazione 100 mA).
- La dimmerazione è di tipo lineare.

Per ulteriori dettagli sulle regolazioni vedi pagine info12-14.