

## PEGAS 162 E PFC PEGAS 202 E PFC

### 🇧🇪 **Schweißinverter für professionelles MMA (umhüllte Elektrode) und WIG (LIFT ARC)**

IGBT-Technologie  
Kompakt, leicht, tragbar  
ANTI-STICK, ARCFORCE, HEISSSTART  
Geschützt und kompatibel mit POWER GENERATOR  
Kabelanschlüsse 35-50 mm<sup>2</sup>

#### **PFC - Korrektur des Leistungsfaktors**

Was sind die Vorteile der PFC-Lösung?  
Minimale Netto-Blindstrombelastung.  
Höherer Wirkungsgrad und geringere Belastung des Leistungsschalters (mit anderen Worten, der Leistungsschalter schaltet später ab als die Geräte ohne PFC).

Geringeres Maß an elektromagnetischen Störungen.  
Das Gerät kann an das Netz AC 95V - 270V 50-60 Hz angeschlossen werden.  
Geringer Einfluss von Unter- und Überspannung des Netzes.  
Das Gerät kann an extrem langen Verlängerungskabeln betrieben werden, da es unempfindlich gegenüber Spannungsabfällen ist.

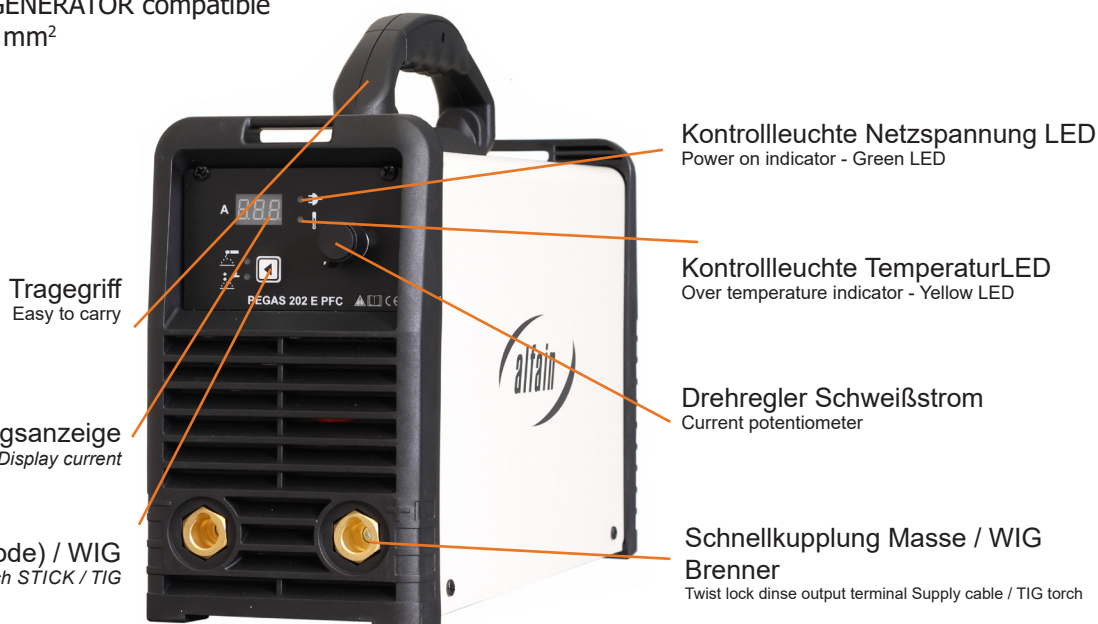
### 🇬🇧 **Welding inverters for professional MMA (coated electrode) and TIG (LIFT ARC)**

IGBT technology  
Compact, lightweight, portable  
ANTISTICK, ARCFORCE, HOT-START  
Protected and POWER GENERATOR compatible  
Cable connectors 35-50 mm<sup>2</sup>











#### **PFC - power factor correction**

What are the advantages of PFC solution?  
Minimum net reactive current loading.  
Higher efficiency and less stress related to the circuit breaker (in other words, circuit breaker will switch off later than the devices without PFC).  
Smaller level of electromagnetic interference.  
The machine can be connected to the mains AC 95V – 270V 50-60 Hz.  
Small influence of undervoltage and overvoltage mains power.  
The machine can be operated at extremely long extension cords because it is not sensitive to voltage drop.



## Produktinformationen / Ordering Information

| Bild/ Illustration                                                                  | Art.Nr. / Part No | Beschreibung / Description                                                                 |
|-------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------|
|    | 5.0254-1          | PEGAS 162 E PFC<br>iInverter, BHB, Netzanschlusskabel/ Inverter, power cord, strap, manual |
|                                                                                     | 5.0255-1          | PEGAS 202 E PFC<br>Inverter, BHB, Netzanschlusskabel/ Inverter, power cord, strap, manual  |
|    | 706.1037          | Brennerpaket SRT 17 4m V 35-50 / Torch SRT17 V 4m BSB35-50                                 |
|                                                                                     | 706.1038          | Brennerpaket SRT 17 8m V 35-50 / Torch SRT17 V 8m BSB35-50                                 |
|    | VM0253            | Schweißkabel 2 x 3m 35-50 (Erdungszange + Elektrodenhalter) / Welding cables 2 x 3m 35-50  |
|    | 512920            | Transportbox PERUN 54,7x34,6x23,6 cm / Box for PERUN 54,7x34,6x23,6 cm                     |
|    | 5.0110            | Transportbox Blau / Box blue                                                               |
|    | 7258              | Reduzierventil PROCONTROL Argon/ Pressure Reducer                                          |
|                                                                                     | 6011              | Reduzierventil FIXICONTROL CO2 / Pressure Reducer                                          |
|   | 6124              | Reduzierventil BASECONTROL AR und CO2 / Pressure Reducer BASECONTROL Ar and CO2            |
|                                                                                     | 6125              |                                                                                            |
|  | S7SUN9BSIL        | Schweißhelm S9B Silver / Welding Helmet S9B Shooting Shark Silver                          |
|                                                                                     | S7SUN9B           | Schweißhelm S9B Blau / Welding Helmet S9B Shooting Blue Shark                              |
|                                                                                     | S777              | Schweißhelm Barracuda S777 / Welding Helmet Barracuda S777                                 |
|                                                                                     | S7S               | Schweißhelm ALFA IN S7S, S7SU / Welding Helmet ALFA IN S7S, S7SU                           |

## Technische Daten / Technical data

| Deutsch                              | ENGLISH                                  | M./U. | PEGAS 162 E PFC               |         |             |          | PEGAS 202 E PFC               |                      |                      |                      |
|--------------------------------------|------------------------------------------|-------|-------------------------------|---------|-------------|----------|-------------------------------|----------------------|----------------------|----------------------|
|                                      |                                          |       | MMA                           | TIG     | MMA         | TIG      | MMA                           | TIG                  | MMA                  | TIG                  |
| Methode                              | Method                                   |       | MMA                           | TIG     | MMA         | TIG      | MMA                           | TIG                  | MMA                  | TIG                  |
| Hauptspannung                        | Mains voltage                            | V/Hz  | 1x110/50-60                   |         | 1x230/50-60 |          | 1x110/50-60                   |                      | 1x230/50-60          |                      |
| Schweißstrombereich                  | Welding current range                    | A     | 10 - 100                      | 10- 100 | 10 - 160    | 10 - 160 | 10 - 120                      | 10 - 120             | 10 - 200             | 10 - 200             |
| Leerlaufspannung U <sub>20</sub>     | Open-circuit voltage U <sub>20</sub>     | V     | 68,0                          |         |             |          | 68,0                          |                      |                      |                      |
| Hauptsicherung                       | Mains protection                         | A     | 16 @                          |         | 16 @        |          | 16 @ (25@)                    |                      | 16 @ (25 @)          |                      |
| Max. Wirkstrom I <sub>1eff</sub>     | Max. effective current I <sub>1eff</sub> | A     | 15,4                          | 10,8    | 13,4        | 10,1     | 16,0<br>(25,6)                | 16,0<br>(23,2)       | 16,0<br>(20,3)       | 14,3 (14,3)          |
| Schweißstrom(DZ=100%) I <sub>2</sub> | Welding current (DC=100%) I <sub>2</sub> | A     | 70                            | 75      | 100         | 110      | 70 (95)                       | 75 (105)             | 100 (135)            | 160 (160)            |
| Schweißstrom (DZ=60%) I <sub>2</sub> | Welding current (DC=60%) I <sub>2</sub>  | A     | 80                            | 90      | 130         | 140      | 80 (120)                      | 90 (120)             | 130 (160)            | 185 (185)            |
| Schweißstrom (DZ=x%) I <sub>2</sub>  | Welding current (DC=x%) I <sub>2</sub>   | A     | 35%=100                       | 50%=100 | 35%=160     | 40%=160  | 25%=120<br>(60%=120)          | 40%=120<br>(90%=120) | 25%=200<br>(40%=200) | 50%=200<br>(50%=200) |
| Sicherung                            | Protection                               |       | IP23S                         |         |             |          | IP23S                         |                      |                      |                      |
| Normen EG                            | Standards                                |       | EN 60974-1, EN 60974-10 cl. A |         |             |          | EN 60974-1, EN 60974-10 cl. A |                      |                      |                      |
| Maße (LxBxH)                         | Dimensions (w x l x h)                   | mm    | 130 x 380 x 230               |         |             |          | 135 x 390 x 230               |                      |                      |                      |
| Gewicht                              | Weight                                   | kg    | 6,4                           |         |             |          | 6,5                           |                      |                      |                      |