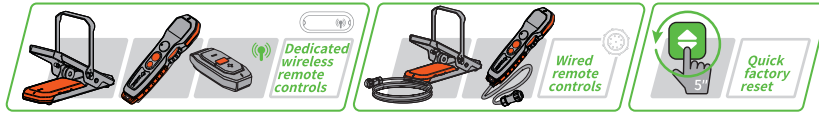




EVO200

New standard of UX in welding



# TIG200

## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured TIG parameters
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

| TIG200 W2S22         |                               |
|----------------------|-------------------------------|
| Input power          | AC230 V $\pm 15\%$ , 50/60 Hz |
| Open circuit voltage | 62 V                          |
| TIG                  | Rated input current           |
|                      | Rated input power capacity    |
|                      | Output current range          |
|                      | Rated duty cycle              |
| MMA                  | Rated input current           |
|                      | Rated input power capacity    |
|                      | Output current range          |
|                      | Rated duty cycle              |
| Efficiency           | 86%                           |
| Power factor         | 0.68                          |
| Idle state power     | MMA: 25 W TIG: 2.4 W          |
| Protection class     | IP23S                         |
| Insulation class     | H                             |
| Dimensions L×W×H     | 413×150×311 mm                |
| Net weight           | 7.92 kg                       |

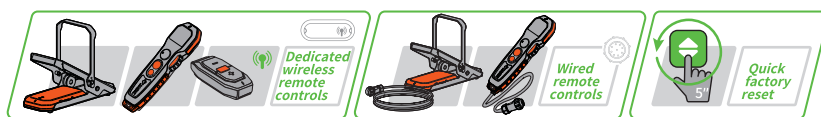


## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode



## TIG200P



## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

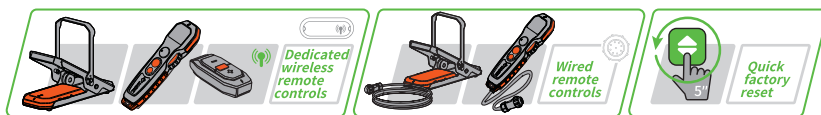
|                      |                            | TIG200P W2S52               |
|----------------------|----------------------------|-----------------------------|
| Input power          |                            | AC230 V $\pm$ 15%, 50/60 Hz |
| Open circuit voltage |                            | 62 V                        |
| TIG                  | Rated input current        | 27 A                        |
|                      | Rated input power capacity | 6.2 kVA                     |
|                      | Output current range       | 5~200 A                     |
|                      | Rated duty cycle           | 25%                         |
| MMA                  | Rated input current        | 29 A                        |
|                      | Rated input power capacity | 6.7 kVA                     |
|                      | Output current range       | 10~160 A                    |
|                      | Rated duty cycle           | 20%                         |
| Efficiency           |                            | 86%                         |
| Power factor         |                            | 0.68                        |
| Idle state power     |                            | MMA: 25 W TIG: 2.4 W        |
| Protection class     |                            | IP23S                       |
| Insulation class     |                            | H                           |
| Dimensions L×W×H     |                            | 413×150×311 mm              |
| Net weight           |                            | 7.92 kg                     |



## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode





# TIG200 PFC

## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured TIG parameters
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

| TIG200 PFC W2S42     |                            |                      |
|----------------------|----------------------------|----------------------|
| Input power          |                            | AC95~265 V, 50/60 Hz |
| Open circuit voltage |                            | 68 V                 |
| TIG                  | Rated input current        | 29.7 A               |
|                      | Rated input power capacity | 3.4 kVA              |
|                      | Output current range       | 5~160 A              |
|                      | Rated duty cycle           | 25%                  |
| MMA                  | Rated input current        | 31.6 A               |
|                      | Rated input power capacity | 3.7 kVA              |
|                      | Output current range       | 10~120 A             |
|                      | Rated duty cycle           | 25%                  |
| Efficiency           |                            | 84%                  |
| Power factor         |                            | 0.99                 |
| Idle state power     |                            | MMA: 33 W TIG: 7 W   |
| Protection class     |                            | IP23S                |
| Insulation class     |                            | H                    |
| Dimensions L×W×H     |                            | 453×150×313 mm       |
| Net weight           |                            | 8.97 kg              |

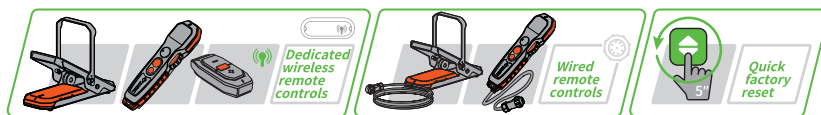


## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode



# TIG200P PFC



## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

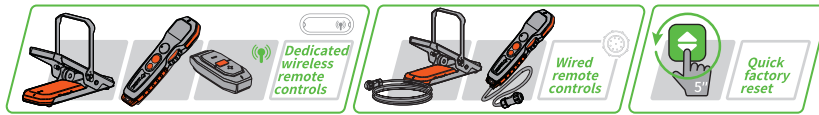
|                      |                            | TIG200P PFC W2S62    |          |
|----------------------|----------------------------|----------------------|----------|
| Input power          |                            | AC95~265 V, 50/60 Hz |          |
| Open circuit voltage |                            | AC115 V              | AC230 V  |
| TIG                  | Rated input current        | 29.7 A               | 19.5 A   |
|                      | Rated input power capacity | 3.4 kVA              | 4.5 kVA  |
|                      | Output current range       | 5~160 A              | 5~200 A  |
|                      | Rated duty cycle           | 25%                  |          |
| MMA                  | Rated input current        | 31.6 A               | 25.6 A   |
|                      | Rated input power capacity | 3.7 kVA              | 5.9 kVA  |
|                      | Output current range       | 10~120 A             | 10~180 A |
|                      | Rated duty cycle           | 25%                  |          |
| Efficiency           |                            | 84%                  |          |
| Power factor         |                            | 0.99                 |          |
| Idle state power     |                            | MMA: 33 W TIG: 7 W   |          |
| Protection class     |                            | IP23S                |          |
| Insulation class     |                            | H                    |          |
| Dimensions L×W×H     |                            | 453×150×313 mm       |          |
| Net weight           |                            | 8.97 kg              |          |



## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode





# TIG200PACDC

## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

|                      |                            | TIG200PACDC E2S12        |
|----------------------|----------------------------|--------------------------|
| Input power          |                            | AC230 V±15%, 50/60 Hz    |
| Open circuit voltage |                            | 60 V                     |
| TIG                  | Rated input current        | 25 A                     |
|                      | Rated input power capacity | 6.0 kVA                  |
|                      | Output current range       | DC: 5~200 A AC: 20~200 A |
|                      | Rated duty cycle           | 25%                      |
| MMA                  | Rated input current        | 27 A                     |
|                      | Rated input power capacity | 7.0 kVA                  |
|                      | Output current range       | 10~160 A                 |
| Rated duty cycle     |                            | 20%                      |
| Efficiency           |                            | 80%                      |
| Power factor         |                            | 0.75                     |
| Idle state power     |                            | <50 W                    |
| Protection class     |                            | IP23S                    |
| Insulation class     |                            | H                        |
| Dimensions L×W×H     |                            | 490×165×341 mm           |
| Net weight           |                            | 11.7 kg                  |

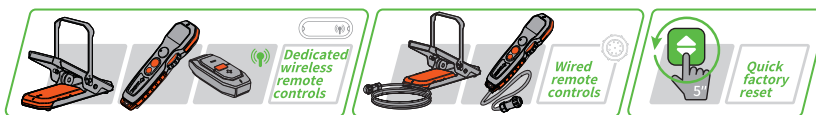


## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



# TIG200PACDC PFC



## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

| TIG200P ACDC PFC E2S22 |                            |                          |
|------------------------|----------------------------|--------------------------|
| Input power            |                            | AC95~265 V, 50/60 Hz     |
| Open circuit voltage   |                            | 65 V                     |
| TIG                    | Rated input current        | 32.2 A                   |
|                        | Rated input power capacity | 3.5 kVA                  |
|                        | Output current range       | DC: 5~160 A AC: 20~160 A |
|                        | Rated duty cycle           | 25%                      |
| MMA                    | Rated input current        | 34.1 A                   |
|                        | Rated input power capacity | 3.9 kVA                  |
|                        | Output current range       | 10~120 A                 |
|                        | Rated duty cycle           | 30%                      |
| Efficiency             |                            | 80%                      |
| Power factor           |                            | 0.95                     |
| Idle state power       |                            | <50 W                    |
| Protection class       |                            | IP23S                    |
| Insulation class       |                            | H                        |
| Dimensions L×W×H       |                            | 490×165×341 mm           |
| Net weight             |                            | 11.9 kg                  |



## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps





# TIG200PACDC LCD

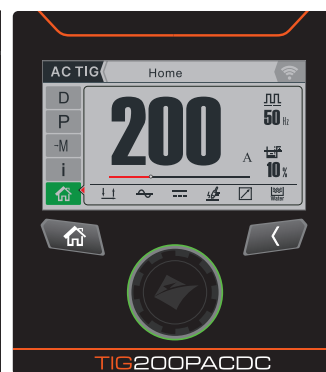
## Feature:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Job parameters saver
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

| TIG200P ACDC LCD E2S13 |                               |
|------------------------|-------------------------------|
| Input power            | AC230 V $\pm 15\%$ , 50/60 Hz |
| Open circuit voltage   | 60 V                          |
| TIG                    | Rated input current           |
|                        | Rated input power capacity    |
|                        | Output current range          |
|                        | Rated duty cycle              |
| MMA                    | Rated input current           |
|                        | Rated input power capacity    |
|                        | Output current range          |
|                        | Rated duty cycle              |
| Efficiency             | 80%                           |
| Power factor           | 0.75                          |
| Idle state power       | <50 W                         |
| Protection class       | IP23S                         |
| Insulation class       | H                             |
| Dimensions L×W×H       | 490×165×341 mm                |
| Net weight             | 11.7 kg                       |



## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



# TIG200PACDC PFC LCD



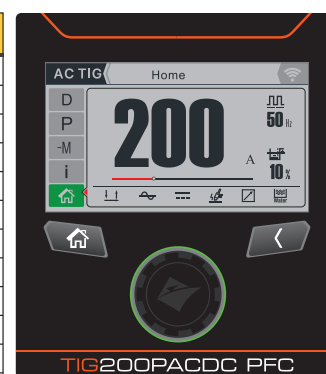
## Feature:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- Adaptable wide voltage range
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Job parameters saver
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

|                      |                            | TIG200P ACDC PFC LCD E2S23 |                          |
|----------------------|----------------------------|----------------------------|--------------------------|
| Input power          |                            | AC95~265 V, 50/60 Hz       |                          |
|                      |                            | AC115 V                    | AC230 V                  |
| Open circuit voltage |                            | 65 V                       |                          |
| TIG                  | Rated input current        | 32.2 A                     | 21.1 A                   |
|                      | Rated input power capacity | 3.5 kVA                    | 4.7 kVA                  |
|                      | Output current range       | DC: 5~160 A AC: 20~160 A   | DC: 5~200 A AC: 20~200 A |
|                      | Rated duty cycle           | 25%                        |                          |
| MMA                  | Rated input current        | 34.1 A                     | 22.7 A                   |
|                      | Rated input power capacity | 3.9 kVA                    | 5.6 kVA                  |
|                      | Output current range       | 10~120 A                   | 10~160 A                 |
|                      | Rated duty cycle           | 30%                        |                          |
| Efficiency           |                            | 80%                        |                          |
| Power factor         |                            | 0.95                       |                          |
| Idle state power     |                            | <50 W                      |                          |
| Protection class     |                            | IP23S                      |                          |
| Insulation class     |                            | H                          |                          |
| Dimensions L×W×H     |                            | 490×165×341 mm             |                          |
| Net weight           |                            | 11.9 kg                    |                          |



## Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



## Water cooler

LC-30

**Feature:**

- Stable flow by water-flow stabilizing technology
- Over heating protection
- Water-flow protection
- Automatic pressure relieving device

**Specification:**

|                               | LC-30 C0S1                                                                   |
|-------------------------------|------------------------------------------------------------------------------|
| Input voltage                 | Single-phase AC95~265V, 50/60Hz                                              |
| Rated input power             | AC115@92w<br>AC230@115W                                                      |
| Volume of water tank          | 3.5 L                                                                        |
| Maximum pressure              | 0.48 MPa                                                                     |
| Maximum flow rate             | 4 L/min                                                                      |
| Rated cooling power           | 0.52 KW (1L/min)                                                             |
| Protection class              | IP23S                                                                        |
| Coolant                       | Pure water, anti-freezing solution, mixed liquid                             |
| Operating ambient temperature | Mixed liquid, pure water: 5 °C~60 °C<br>Anti-freezing solution: -20 °C~60 °C |
| Storage temperature           | -20 °C~60 °C                                                                 |
| Noise                         | <70 db                                                                       |
| Machine dimensions            | 527×182×224 mm                                                               |
| Weight                        | 8.6 kg                                                                       |







# EVO20

New standard of UX in welding