



**EVO200**

New standard of UX in welding

# ARC160



## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- **Smart Lift TIG**
- Anti-stick, adjustable Hot Start and Arc Force
- Quick factory reset
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

|                      |                            | ARC160 Z2S12                |
|----------------------|----------------------------|-----------------------------|
| Input power          |                            | AC230 V $\pm$ 15%, 50/60 Hz |
| Open circuit voltage |                            | 62 V                        |
| MMA                  | Rated input current        | 33 A                        |
|                      | Rated input power capacity | 7.6 kVA                     |
|                      | Output current range       | 20~160 A                    |
|                      | Rated duty cycle           | 25%                         |
|                      | Rated input current        | 24 A                        |
| TIG                  | Rated input power capacity | 5.5 kVA                     |
|                      | Output current range       | 10~160 A                    |
|                      | Rated duty cycle           | 25%                         |
| Efficiency           |                            | 87%                         |
| Power factor         |                            | 0.64                        |
| Idle state power     |                            | 22.6 W                      |
| Protection class     |                            | IP23S                       |
| Insulation class     |                            | H                           |
| Dimensions L×W×H     |                            | 375×131×252 mm              |
| Net weight           |                            | 5.5 kg                      |



## Standard Accessories

- 2 pcs quick plugs



## ARC200



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## Specification:

|                      |                            | ARC200 Z2S32                |
|----------------------|----------------------------|-----------------------------|
| Input power          |                            | AC230 V $\pm$ 15%, 50/60 Hz |
| Open circuit voltage |                            | 62 V                        |
| MMA                  | Rated input current        | 39 A                        |
|                      | Rated input power capacity | 9 kVA                       |
|                      | Output current range       | 20~200 A                    |
|                      | Rated duty cycle           | 25%                         |
| TIG                  | Rated input current        | 27 A                        |
|                      | Rated input power capacity | 6.2 kVA                     |
|                      | Output current range       | 10~200 A                    |
|                      | Rated duty cycle           | 25%                         |
| Efficiency           |                            | 87%                         |
| Power factor         |                            | 0.72                        |
| Idle state power     |                            | 25.4 W                      |
| Protection class     |                            | IP23S                       |
| Insulation class     |                            | H                           |
| Dimensions L×W×H     |                            | 375×131×252 mm              |
| Net weight           |                            | 5.5 kg                      |



## Standard Accessories

- 2 pcs quick plugs





# ARC160 PFC



## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- **Smart Lift TIG**
- Adaptable wide voltage range
- Quick factory reset
- Anti-stick, adjustable Hot Start and Arc Force
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator-friendly
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

| ARC160 PFC Z2S22     |                            |                      |          |
|----------------------|----------------------------|----------------------|----------|
| Input power          |                            | AC95~265 V, 50/60 Hz |          |
|                      |                            | AC115 V              | AC230 V  |
| Open circuit voltage |                            | 78 V                 |          |
| MMA                  | Rated input current        | 28.7 A               | 22.6 A   |
|                      | Rated input power capacity | 3.3 kVA              | 5 kVA    |
|                      | Output current range       | 20~110 A             | 20~160 A |
|                      | Rated duty cycle           | 25%                  |          |
| TIG                  | Rated input current        | 23.3 A               | 14.0 A   |
|                      | Rated input power capacity | 2.2 kVA              | 3.2 kVA  |
|                      | Output current range       | 10~120 A             | 10~160 A |
|                      | Rated duty cycle           | 25%                  |          |
| Efficiency           |                            | 86%                  |          |
| Power factor         |                            | 0.99                 |          |
| Idle state power     |                            | MMA: 38.2 W TIG: 7 W |          |
| Protection class     |                            | IP23S                |          |
| Insulation class     |                            | H                    |          |
| Dimensions L×W×H     |                            | 413×150×311 mm       |          |
| Net weight           |                            | 7.2 kg               |          |



## Standard Accessories

- 2 pcs quick plugs



# ARC200 PFC



## Feature:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- **Smart Lift TIG**
- Adaptable wide voltage range
- Quick factory reset
- Anti-stick, adjustable Hot Start and Arc Force
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator-friendly
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Specification:

| ARC200 PFC Z2S42     |                            |                      |          |
|----------------------|----------------------------|----------------------|----------|
| Input power          |                            | AC95~265 V, 50/60 Hz |          |
|                      |                            | AC115 V              | AC230 V  |
| Open circuit voltage |                            | 78V                  |          |
| MMA                  | Rated input current        | 31.2 A               | 29.7 A   |
|                      | Rated input power capacity | 3.6 kVA              | 6.8 kVA  |
|                      | Output current range       | 20~120 A             | 20~200 A |
|                      | Rated duty cycle           | 25%                  |          |
| TIG                  | Rated input current        | 27.2 A               | 19.6 A   |
|                      | Rated input power capacity | 3.1 kVA              | 4.5 kVA  |
|                      | Output current range       | 10~160 A             | 10~200 A |
|                      | Rated duty cycle           | 25%                  |          |
| Efficiency           |                            | 85%                  |          |
| Power factor         |                            | 0.99                 |          |
| Idle state power     |                            | MMA: 46.8 W TIG: 7 W |          |
| Protection class     |                            | IP23S                |          |
| Insulation class     |                            | H                    |          |
| Dimensions L×W×H     |                            | 413×150×311 mm       |          |
| Net weight           |                            | 7.2 kg               |          |



## Standard Accessories

- 2 pcs quick plugs







**EVO20**

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