

TitanArc 160PFC, 200 PFC

More powerful, More versatile, Extremely efficient



Valued Features

- **PFC Technology**
Power factor more than 0.99. Multiple advantages such as energy saving and wider input voltage.
- **Tig Mode**
Capable of welding with Lift Tig Mode.
- **PreProtections**
Equipped with temperature, voltage and current sensors for high protection.
- **Generator friendly**
Designed to work with diesel generators and to avoid failures due to its voltage spikes.
- **Extra functions**
'Hot Start', 'Anti-sticking' and 'Arc Force' built in.

Specifications

Model	TitanArc160 PFC				TitanArc200 PFC			
Input Voltage	1Phase~AC 110V (±15%)/ 50-60HZ		1Phase~AC230V (±15%)/ 50-60HZ		1Phase~AC 110V (±15%)/ 50-60HZ		1Phase~AC230V (±15%)/ 50-60HZ	
Main Fuse(A)	50				60			
Process	TIG	MMA	TIG	MMA	TIG	MMA	TIG	MMA
Rated KVA	1.9	3.2	3.1	5	2.1	3.5	4.3	6.6
Rated Output KVA	1.6	2.7	2.6	4.2	1.8	3	3.6	5.6
No-load Voltage (V)	67	67	67	67	67	67	67	67
Welding Current Range (A)	10~110	10~110	10~160	10~160	10~120	10~120	10~200	10~200
Rated Input Current (A)	17.5	26	16.5	23	22.5	36	22	32
Electrode Diameter(mm)	1.6~ 4.0	1.6~ 4.0	1.6~ 4.0	1.6~ 4.0	1.6~ 5.0	1.6~ 5.0	1.6~ 5.0	1.6~ 5.0
Duty Cycle I _{max} (40℃)	70%	30%	100%	40%	60%	20%	70%	30%
Duty Cycle 60%(40℃)	\	77.5A	\	130A	120A	93A	\	142A
Duty Cycle 100%(40℃)	92A	60A	160A	101A	93A	54A	167A	110A
Efficiency(%)	85				85			
Power Factor	0.99				0.99			
Protection Class	IP21S				IP21S			
Insulation Class	F				F			
Dimensions (L*W*H)	5.88				6.54			
Weight (Kg)	430*150*290				430*150*290			

Ordering Information

Standard fittings (TitanArc160 PFC)

Headux Code

3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008

Standard fittings (TitanArc200 PFC)

Headux Code

3m 25mm ² Earth lead(300A Earth clamp)	A80403-001
3m 25mm ² welding lead (200A Electrode Holder)	A80404-013

Options & Accessories

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Headux Code

4m TIG 26V Torch	A13301-019
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