

Renegade ET 300iP

DC Pulse TIG Equipment



Renegade ET 300iP

Rugged and Versatile

Renegade ET 300iP is an inverter based High Frequency TIG (HF) equipment with extreme Power to Weight Ratio. The Rugged design enables it to be used in extreme conditions of heat, dust and with long lead cables. The intelligent design detects input voltage (1ph 230V or 3ph 208 to 528V) and automatically makes adjustment for smooth operation.

- Wide input voltage range - 1Ph 230V & 3Ph 208-528V
- Extreme Power to Weight Ratio in Compact format
- Rugged composite casing for Durability
- Designed for extreme conditions, upto +55 deg C
- Designed for welding with cables, upto 100 metres
- Adjustable Pulse Frequency, upto 999Hz
- Intuitive & Easy to read Panel
- Modular system, toolless connection to water cooler

Visit www.esabindia.com for more information.

Application Areas

- Heavy Fabrication
- Process plants
- Piping
- Shipbuilding
- Construction and erection projects
- Process plants
- Industrial & General Fabrication
- Repair and maintenance



Specifications / Technical data

Mains supply (1 Phase), V/Ph, Hz	230 ± 10% / 1, 50/60
Mains supply (3 Phase), V/Ph, Hz	230-480 ± 10% / 3, 50/60
Fuse slow	16A at 400V
Output range, A	5 – 200 (1 Ph); 5 – 300 (3 Ph)
Pulse Frequency, Hz	Upto 999
Open Circuit voltage, V	48
Permitted load at 40% duty cycle, A	300
Permitted load at 60% duty cycle, A	250
Permitted load at 100% duty cycle, A	200
Power Factor (max)	0.96
Efficiency (max),%	83
Operating temperature, deg C	-10 to +40 (tested upto +55 deg C)
Digital Display	Voltage, Current
Dimensions, lxxwxxh, mm	460 x 200 x 320
Weight (without / With Cooler), kg	16.9 / 26.9
Insulation Class	H
Protection Class / Application Class	IP 23 / S
Standards of conformity	IEC 60974-1, IEC 60974- 10

Ordering Information

Description	Part number	Description	Part number
Renegade ET 300iP	0445 100 920	TXH 201 4M OKC 50	0700 300 552
EC 1000 Water Cooler	0445 045 880	TXH 401w 4m OKC 50	0700 300 565

Note: Renegade ET 300iP is delivered with 3m main cable.

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COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =