













N4s INVERTER — universal and flexible

-  For all known studs of the short cycle drawn-arc stud welding method
-  Customer-specific interfaces to robots/transfer lines (parallel interface, InterBusS, DeviceNet, EtherNet/IP, ProfiBus, ProfiNet, etc.)
-  All IVOSTUD FSE feeders and the related welding tools from the N4s-System can be combined and used (standard polarity or reverse polarity for up to 5 feeders and/or welding tools)
-  Only one power source for stud welding, TARC welding and TARC nut welding
-  Multiple possibilities of networking and PC-supported quality monitoring
-  **Power-Safe-Mode** - (energy saving mode) for low power loss in idle mode
-  **10% more output power** - from optimized internal circuitry (any losses caused by longer cables are compensated for)
-  **Weld Impedance Control** - Warning when the maximum welding circuit impedance (resistance) is exceeded
-  **Individual allocation of access privileges** via standard memory stick
-  **Double storage capacity for program extensions**

N4s-Inverter



Automotive | Versatile | Innovative

N4s-Inverter

Technical Data **N4s Inverter**

Power supply

Inverter

S-mark

Yes

Welding current

+ 150A to + 1500A (or 1800A)

Cooling

AF (fan, temperature-controlled)

Welding process

Short cycle drawn-arc,
TARC welding,
TARC nut welding

Connection possibilities

Manual handgun P-NS 40 SL
Automatic welding gun PSE 1000s
Welding heads KSE 1000s/1055LSPs, KSE 2000s
Feeders FSE 1000s, FSE 5000s

Mains fuse

32 (63A)

Enclosure dimensions

(W x H x D) 610 x 981 x 684 mm

Power plug CEE

32 (63A)

Weight

120kg

Degree of protection

IP 21

Crane eyelets

Yes

Protection class

I, according to DIN 40 100

Wheels

Yes (4)

China

IVOSTUD (Tianjin) International Trading CO., LTD.

5th Floor, Unit B, No. 278 Hang Kong Road
Airport Economic Zone, Pilot Free Trade Zone
Tianjin (300308)

Tel.: +86 (22) 8499 2909

France

IVOSTUD SAS

8, rue de l'Angoumois
F-95100 Argenteuil

Tel.: +33 (1) 302 572 27

Mexico

IVOSTUD MÉXICO S.A. de C.V.

Boulevard de los Reyes 6431,
Torre Natyvo Oficina 604
San Bernardino Tlaxcalancingo,
Sn. Andres Cholula CP 72820

Tel.: +52 (222) 214 5537

UK

IVOSTUD GmbH

45 Rabans Close
Aylesbury, Bucks. HP19 8RS

Tel.: +44 (1296) 360 175

USA

IVOSTUD LLC

6430 Eastland Road, Suite C
Brook Park, Ohio 44142

Tel.: +1 (440) 925 4227

Germany (Headquarters)

IVOSTUD GmbH

P.O. Box 125 · D-58333 Breckerfeld · Schützenstraße 6-8 · D-58339 Breckerfeld · Mail: info@ivostud.com · www.ivostud.com · Tel.: +49 (2338) 870 99-0



Innovative | Versatile | Optimized