

## DAX 160, 200, 250, 410 (cel)

### Compact welding inverter with modern inverter technology

Also as „Cel“ version  
generator-compatible  
remote controllable

Light, handy and robust welding rectifiers with modern inverter technology and digital display.

Also available as „Cel“ version with higher open-circuit voltage for cellulose-coated electrodes and higher duty cycle for longer and heavier welding.

- Hot-Start (simple ignition)
- Arc Force (guarantees deep fusion penetration)
- Anti-Sticking (prevents sticking of the electrode)
- Lift Arc (TIG welding with touch ignition)
- Low weight
- CE, EN 60974-1, EN 60974-10
- Compatible with generators from 10 kW
- Remote controllable



DAX 160



DAX 200



DAX 250



DAX 410



## Technical specifications

	DAX 160	DAX 160 cel	DAX 200	DAX 200 cel
Supply voltage	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
Fuse	16 A (slow-blow)	16 A (slow-blow)	25 A (slow-blow)	25 A (slow-blow)
Current range	20 - 160 A	20 - 160 A	20 - 200 A	20 - 200 A
Open circuit voltage	63 V	80 V	63 V	78 V
Duty cycle (40° C)	20 % - 160 A	35 % - 160 A	25 % - 200 A	30 % - 200 A
Electrodes	Ø max. 4,0 mm	Ø max. 4,0 mm	Ø max. 5,0 mm	Ø max. 5,0 mm
Hot Start	✓	✓	✓	✓
Arc Force	✓	✓	✓	✓
Anti-Sticking	✓	✓	✓	✓
Lift Arc	✓	✓	✓	✓
Digital display	✓	✓	✓	✓
Protection class	IP 21	IP 21	IP 21	IP 21
Isolation class	H	H	H	H
Cooling	AF	AF	AF	AF
Dimensions (W x H x L)	285 x 115 x 200 mm	380 x 140 x 285 mm	380 x 135 x 300 mm	380 x 140 x 285 mm
Weight	4 kg	6 kg	6 kg	6 kg

	DAX 250	DAX 250 cel	DAX 410	DAX 410 cel
Supply voltage	3 x 400 V 50/60 Hz	230 V 50/60 Hz	3 x 400 V 50/60 Hz	3 x 400 V 50/60 Hz
Fuse	16 A (slow-blow)	25 A (slow-blow)	25 A (slow-blow)	25 A (slow-blow)
Current range	20 - 250 A	20 - 250 A	20 - 400 A	20 - 400 A
Open circuit voltage	60 V	78 V	65 V	85 V
Duty cycle (40° C)	25 % - 250 A	60 % - 250 A	60 % - 400 A	60 % - 400 A
Electrodes	Ø max. 6,0 mm	Ø max. 6,0 mm	Ø max. 8,0 mm	Ø max. 8,0 mm
Hot Start	✓	✓	✓	✓
Arc Force	✓	✓	✓	✓
Anti-Sticking	✓	✓	✓	✓
Lift Arc	✓	✓	✓	✓
Digital display	✓	✓	✓	✓
Protection class	IP 21	IP 21	IP 21	IP 21
Isolation class	H	H	H	H
Cooling	AF	AF	AF	AF
Dimensions (W x H x L)	430 x 168 x 312 mm	410 x 150 x 235 mm	620x 330 x 440 mm	620 x 330 x 440 mm
Weight	10 kg	10 kg	19 kg	19 kg

### Optional accessories 160, 200

Trolley TR-11
Chipping hammer
Wire brush
Welding helmet
Gloves
Case

### Optional accessories 250, 410

Welding cable 25 mm <sup>2</sup> , 4 m
Welding cable 50 mm <sup>2</sup> , 5 m
Chipping hammer
Wire brush
Welding helmet
Gloves
Trolley TR-11

**For many purposes DAX welding inverters offer the qualitatively right and economically reasonable welding solution! From welding tasks in assembly to industrial requirements.**