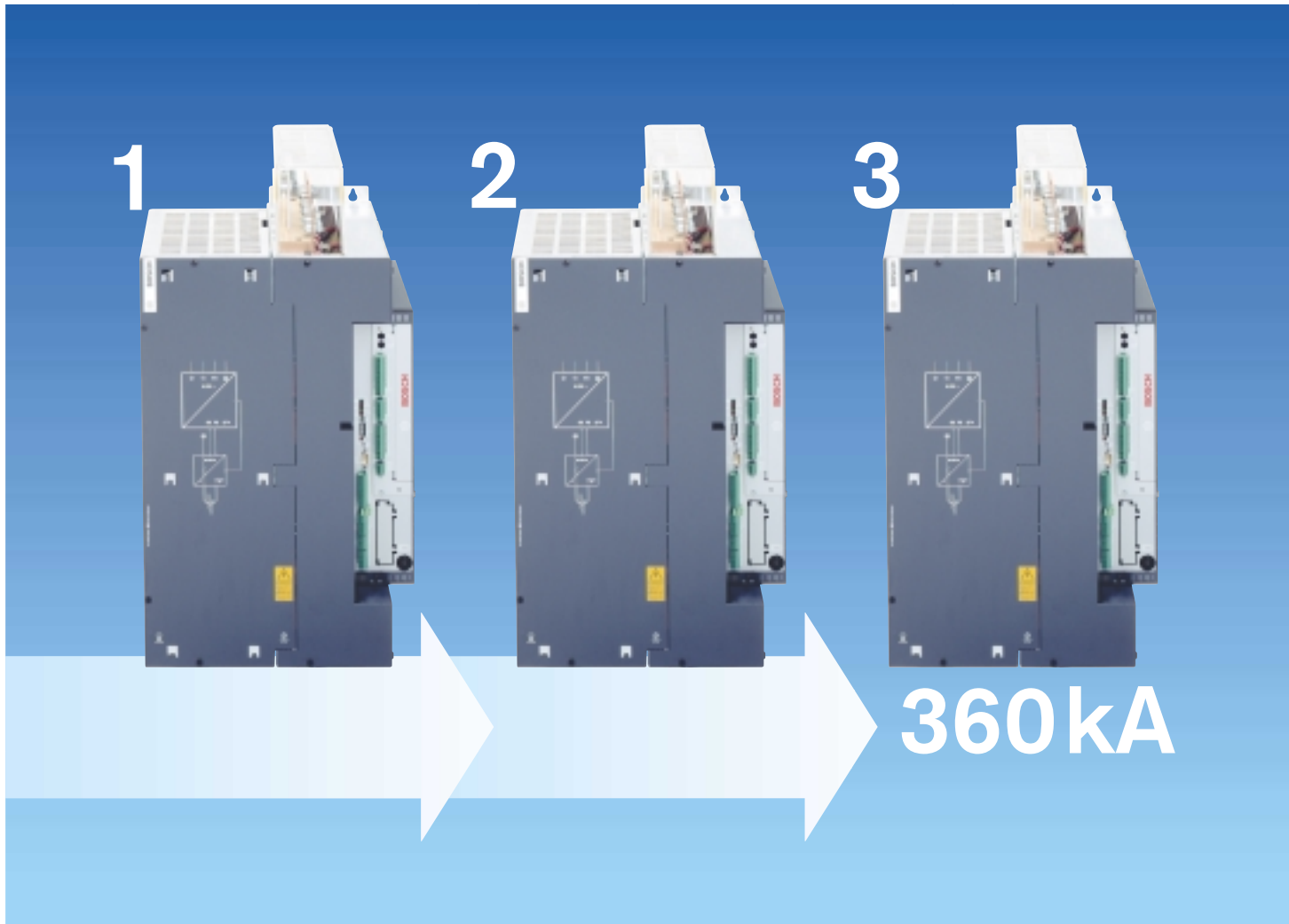


Product information

The integrated control concept PSI 6500 as master/slave



**Welding current up to 360 kA
by parallel connection
of up to 3 welding inverters**

Product information

Performance chart

Secondary current ranges of PSI 6xxxx from thermal current up to peak current with 9V transformers



The master/slave concept

The PSI 6500 inverter can be operated in a master/slave configuration to increase its power. In this mode, up to 3 units can be connected in parallel. Each inverter is connected to one or several identical transformers in this case.

The transformers can then be connected in parallel on the secondary side in a simple symmetrical configuration in order to achieve three times the power of one individual unit. The hardware of the units is identical. The slave or master function is selected by suitable parameter settings.

Technical data

Performance data of a single unit	
Mains voltage	400 VAC, -20% to 480 VAC, +10%
Thermal continuous current	up to 660 A per inverter (with cabinet cooling)
Output frequency	1 kHz
Electrical connection	through at least 2 x 120 ² cables per phase connected to M10 bolt with press nut
Dimensions	396 x 860 x 280 mm (WxHxD)
Weight	83 kg
Ambient temperature	0°C bis 45°C
Secondary current	120 kA
Secondary current of 2 units	240 kA
Secondary current of 3 units	360 kA
	} with 9V transformer secondary voltage
Cooling water	10 l/min, max. 30°C

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