

Powering Capabilities	
Max. Heating Current (in total)	2400 A
Number of Heating Channels	4
Max. Heating Current per Channel	600 A
Heating Current Resolution	500 mA
Heating Current Accuracy	0.1% set + 0.3% range
Switch-on Time	50 ms
Switch-off Time	100 μ s
V_{CE}^* Voltage	0..12 V
V_{GE}^{**} Voltage	-10V..+20 V
Number of V_{GE} sources	4x4
V_{GE}^{**} Voltage Resolution	0.01 V
V_{GE}^{**} Voltage Accuracy	0.5% set + 0.25% range

*Collector Emitter voltage

**Gate Emitter voltage

***Gate current

****Sensor current

Measurement Capabilities	
Input Channels for Transient Capturing	16 C (4x4)
Input Voltage Range	± 12 V
Maximum Voltage Resolution	16 μ V
Maximum Time Resolution	1 μ s
Minimum Pulse Duration ¹	0.5 s
I_G^{****} Measurement	250 pA..100 μ A
I_G^{****} Measurement Resolution	25 pA

¹Only in case of power cycling

****Gate current

Sensor Current Output Capabilities	
Min. I_S^{****} Output per Channel	5 mA
Max. I_S^{****} Output per Channel	1 A
I_S^{****} Programming Resolution	0.5 mA
I_S^{****} Programming Accuracy	0.5% set + 0.125% range
Number of I_S^{****} sources	4

****Sensor current

External Power Requirements	
Japan / USA	190-220 VAC 3P+PE 50/60 Hz, Max. 121 A RCD Current: 30mA
Worldwide	380-415 VAC 3P+N+PE 50/60 Hz, Max. 66 A RCD Current: 30mA

General Specifications		
Control PC (part of the configuration)		<ul style="list-style-type: none"> Intel Celeron 1.83GHz CPU 4 GB RAM 15.6" touchscreen 80 GB SSD Interfaces: RS232, USB, Ethernet Embedded Windows 7 OS
Physical characteristics	Weight	Approx. 360 kg (approx. 400 kg crated)
	Dimensions (L x W x H)	1000 mm x 582 mm x 1672 mm (without touchscreen, wheels and andon tower) 1000 mm x 1132 mm x 2320 mm (with touchscreen, wheels and andon tower)
Environmental restrictions	Operating temperature range	0 °C .. +30 °C
	Operating relative humidity	30..90% (noncondensing)
	Storage temperature range	-30 °C ..+70 °C
	Storage relative humidity	10..95% (noncondensing)