



Input

U_{nom}	230VAC
U_{min}	185VAC
U_{max}	264VAC continuous, 276VAC for <30 sec., 288VAC for <2sec., 300VAC for <0,8sec.
Turn on	$\leq 95\% U_{min}$
Fuse / MCB	ext. 2 x 10AT (slow blow) / ext. 2x 10A C- characteristic
Frequency AC-input	47- 63Hz
Power factor AC-input	0,65-0,75 capacitive
Crest factor AC-input	2,0-2,5
Switch-on time	typ. 2s
Hold-up time	typ. 15ms
Spikes	acc. EN 61000-4-5, Class 3
Bursts	acc. EN 61000-4-4, Level 3

Output

Voltage	300VDC, (300 – 330VDC possible, adjustment on request) IU-characteristic, temperature controlled (-20 - +45°C sense PT100)
Current	4ADC, current limiting – electronically: IU-characteristic
Over voltage protection	at $U_{out} \geq 340VDC$ - electronically, no effect on external over voltage
Decoupling diode	internal series diode at +output

Monitoring / Alarm

Battery test function	external programming signal 12-30VDC, max. 10mA (24VDC) to decrease output voltage ($U_{out} - 10\%$)
Voltage monitoring	potential free relay contacts (1 noc / 1 ncc) if $U_{out} \leq 265VDC$, contact load 220VDC, 230VAC / max. 40W green LED - "Operation"

Signal

General

Operating temperature	-20°C to +65°C free natural convection, position-independent
Current derating	no derating
Storage temperature	-40°C to +70°C
Humidity	95% without condensation
Efficiency at full load	>90%

Construction

Creepage distances	in/ground: 5mm
Air distances	in/ground: 6,4mm
EMC / CE	EN 61000-6-4, EN 61000-6-2
Connection	spring loaded connectors
Shock	EN60068-2-27
Vibration	EN60068-2-6

Charging characteristic: IU-characteristic

Dimensions approx. mm: H 240 x W 190 x D 190

