

- ☑ Input voltage 230V ~ 50 / 60Hz
- ☑ Output voltage 13.8V, 27.6V, 41.4V, 55.2V, 124.2V / up to 830W output power, parallel operation
- ☑ Use in an industrial environment from -25°C - +50°C
- ☑ Galvanic isolation, signaling – mains failure – LED, relay contact
- ☑ Long life used components
- ☑ Mounting type: DIN rail
- ☑ Standards: EN 60950, EN 55032



Power supplies type IC750.H can be used as general power supplies or as battery chargers to charge lead acid batteries with 12V, 24V, 36V, 48V, 108V nominal voltage and up to 830W output power. The unit is designed to long life operation in industrial environments from -25°C up to +50°C ambient temperature. Class D surge protection, short-circuit protection and galvanically isolated output are some of main features of the power supplies. IC750.H additionally has an output with IU voltage characteristic and it is possible to use it without connected battery.

The LED on the front panel indicates the power supply operation. Potential free relay contact is “ON”, when the mains or IC750 is OK.

Model specification:

- IC750.H XXYYY – H = DIN rail mounting, XX = nominal output voltage, YY = max. output current.

Installation position is on a horizontal DIN rail, venting slits are above and below. The 3-wire input plug allows connection with wire cross-section up to 2.5 mm<sup>2</sup>. The output plug allows connection with wire cross-section up to 6mm<sup>2</sup>.

MODEL SPECIFICATIONS	IC750.H 1425	IC750.H 2825	IC750.H 4115	IC750.H 5515	IC750.H 12406
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	13.8V/25A	27.6V/25A	41.4V/15A	55.2V/15A	124.2V/6.5A
Output power	350W	700W	620W	830W	800W
Efficiency	90%	92%	92%	94%	93%
Dielectric strength input/output	4kV	4kV	4kV	4kV	4kV
Operating temperature	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C
Over temperature protection	85°C	85°C	85°C	85°C	85°C
Short circuit resistance	Output voltage - LED	Output voltage - LED	Output voltage - LED	Output voltage - LED	Output voltage - LED
Output voltage stability	Mains / power supply failure – relay contact	Mains / power supply failure – relay contact	Mains / power supply failure – relay contact	Mains / power supply failure – relay contact	Mains / power supply failure – relay contact
Parallel operation	Yes	Yes	Yes	Yes	Yes
Short circuit protection	27.5A	27.5A	16.5A	16.5A	7.2A
Mounting type	DIN	DIN	DIN	DIN	DIN
Dimensions W x H x D (mm)	76 x 218 x 136 mm	76 x 218 x 136 mm	76 x 218 x 136 mm	76 x 218 x 136 mm	76 x 218 x 136 mm
Weight (kg)	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg
Degree of protection	IP20	IP20	IP20	IP20	IP20
Part No.	IP.2131.633.02	IP.2131.633.04	IP.2131.633.27	IP.2131.633.06	IP.2131.633.10