

GROUND POWER UNITS

GPU LUZES II/M series V

Ground power unit LUZES II/M series V is designed for powering the on-board aircraft systems with a.c. and d.c. power during engine start-up and the on-board equipment technical condition checks at a designated location of airfield or landing ground. LUZES II/M series V is an electrically powered stationary device made up of two containers. It can simultaneously power two aircraft.



TECHNICAL DATA

INPUT PARAMETERS

unit is powered from TN-C or TN-S
three-phases mains

3-phases rated voltage
3 x 230 V / 400 V, 50 Hz

max. load current
130 A

power factor
cos Φ 0,98

TECHNICAL DATA FOR A.C.

rated three-phases voltage
3 x 115 V / 200 V, 400 Hz

voltage control range
112 V + 118 V

rated phase current
111 A

max. phase current
260 A

rated single-phase voltage
1 x 115 V, 400 Hz

rated current
45 A

rated three-phases voltage
3 x 36 V, 400 Hz

rated phase current
30 A

TECHNICAL DATA FOR D.C.

rated voltage
2 x 28 V

voltage control range
26 V + 29 V

rated current
500 A

max. current (in 5 seconds / in 1 second)
1000 A/2000 A

PARAMETERS

dimensions A2 container (L x W x H)
2030 mm x 1400 mm x 1290 mm

weight A2 container
1200 kg

dimensions B1 container (L x W x H)
540 mm x 625 mm x 1155 mm

weight B1 container
330 kg

supply cable length
60 m

outgoing cables length
20 m