

Rating (A)	25	50	80	100
Dimensions WxHxD (mm)	820x1475x835 (custom layout on request)			
Weight (kg)	150	190	220	265

Input

Connection type	Hardwired 2w
Nominal voltage	110/115/120/220/230/240/277 Vac 1-phase
Voltage tolerance	±10% (up to ±20% on request)
Frequency and range	50/60 Hz, ±2 Hz (up to ±4 Hz on request)
Source harmonic voltage content	unlimited (>20%THD transfer time ≤10ms)
Transfer phase angle	5° ÷ 30°

Output

Connection type	Hardwired 2w
Nominal voltage	110/115/120/220/230/240/277 Vac 1-phase
Frequency	50/60 Hz
Transfer time	≤4 ms
Transfer mode	Break before make, transfer inhibit on fault
Load power factor	1 to 0.3
Maximum crest factor	3:1
THD current feedback from load	unlimited
Overload capacity	125% for 30 min, 150% for 10 min, 200% for 30 s, 2000% for 1 cycle, 4000% for ½ cycle
Efficiency (AC/AC)	>99%

Connectivity and function extensions

Front panel	Mimic LED panel and keyboard
Remote communication	SPDT contact relay board; optional: RS232 or RS485 serial port, additional SPDT contact relay board
Optional function extensions	2-poles configuration; plug-in circuit breakers; panel builder execution; output distribution panels; isolation transformer

System

Protection degree	IP 20 (other options)
Colour	RAL 7035 (other options)
Installation layout	Wall, back to back and side by side installation allowed
Accessibility	Front access, bottom and top cable entry

Other features**Environmental**

Operating temperature range	0 °C ÷ +40 °C
Storage temperature range	-10 °C ÷ +70 °C
Altitude	<1000 m
Audible noise at 1m (dBA)	<62

Standards and certifications

Quality assurance, environment, health and safety	ISO 9001:2008, ISO 14001:2004, GOST, BS OHSAS 18001:2007
Safety	IEC EN 62310-1
EMC	IEC EN 62310-2
Breakers	IEC EN 60947-3
Transfer voltage limits	IEEE Standard 446
Protection degree	IEC 60529
Marking	CE