

Rating (A)	100	250	400	630	800
Dimensions WxHxD (mm)	820x1475x835			1220x1900x860	
Weight (kg)	265	290	305	615	660

Input	
Connection type	Hardwired 4w
Nominal voltage	208/380/400/415/440/480 Vac 3-phase with neutral
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 4w
Nominal voltage	208/380/400/415/440/480 Vac 3-phase with neutral
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	Graphical LCD display, mimic LED panel and keyboard
Remote communication	SPDT contact relay board; RS232 and RS485 serial ports, ModBus-RTU protocol; optional: additional SPDT contact relay board
Optional function extensions	4-poles configuration; plug-in circuit breakers; operation without neutral; 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