



PRODUCT OVERVIEW

For Continuous Power Protection Availability



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Newave UPS Solutions form 1kVA to 3.6MVA



	PowerVario	PowerValue™ 11	PowerValue™ 31	PowerScale	PowerWave 33	DPA UPScale RI™	DPA UPScale ST™	Conceptpower DPA™	Conceptpower Modular
Cabinet Type	19" rack or tower version combined	Stand Alone	Stand Alone	Stand Alone	Stand Alone	Safe-Swap modular / rack	Safe-Swap modular / rack	Safe-Swap modular / rack	Safe-Swap modular / rack
Power Range	1-6kVA	7,5-12kVA	7,5-20kVA	10-40kW	60-300kVA per unit	10-40kW per rack	10-120kW per frame	8-200kW per frame	80-300kVA per frame
Individual power range per module	-	-	-	-	-	10/20kW	10/20kW	8/12/16/20/24/32/40kW	80/100kVA
Maximum power per frame	-	-	-	-	-	20 or 40kW	40,60,80 or 120kW	100 or 200kW	300kVA
Maximum power per frame with n+1 Redundancy	-	-	-	-	-	up to 20kW	up to 100kW	up to 160kW	up to 200kVA
Paralleable up to	4 Modules of 4.5 or 6kVA	-	-	20 Systems	10 Systems	2 Modules	6 Modules	20 Modules	10 Modules
Rated output voltages	220/230/240V single phase	220/230/240V single phase	220/230/240V single phase	380/220; 400/230; 415/240V three phase	380/220; 400/230; 415/240V three phase	380/220; 400/230; 415/240V three phase	380/220; 400/230; 415/240V three phase	380/220; 400/230; 415/240V three phase	380/220; 400/230; 415/240V three phase
Classification according EN 62040-3	VFI-SS-111	VFI-SS-111	VFI-SS-111	VFI-SS-111	VFI-SS-111	VFI-SS-111	VFI-SS-111	VFI-SS-111	VFI-SS-111
Working mode	on-line double conversion	on-line double conversion	on-line double conversion	on-line double conversion	on-line double conversion	on-line double conversion	on-line double conversion	on-line double conversion	on-line double conversion
Efficiency	up to 92%	up to 95%	up to 95%	up to 96.5%	up to 95.5%	up to 95.5%	up to 95.5%	up to 95.5%	up to 95%
Power density per m²	up to 3 kVA per HE (19")	up to 44kVA/m ²	up to 44kVA/m ²	up to 100kW/m ²	up to 363kW/m ²	up to 122kW/m ²	up to 272kW/m ²	up to 342kW/m ²	up to 197kW/m ²
Maximal weight w/out batteries depending on cabinet type	up to 29.7kg	up to 204kg	up to 204kg	up to 145kg	from 230kg up to 410kg	from 59kg up to 136kg	from 115kg up to 263kg	from 224kg up to 490kg	up to 700kg
Battery compartment	included in UPS cabinet	included in UPS cabinet	included in UPS cabinet	included in UPS cabinet	External battery cabinets or for 60-100kVA integrated in UPS cabinet	External battery cabinets or integrated in UPS cabinet	External battery cabinets or integrated in UPS cabinet	External battery cabinets or integrated in UPS cabinet	External battery cabinets
Maintenance bypass	option	standard	standard	standard	standard	standard	standard	standard	standard
Slot for connectivity	integrated	integrated	integrated	integrated	integrated	integrated	integrated	Integrated	Integrated
Connectivity cards SNMP/Modbus/Pot. Contacts	option	option	option	option	option	option	option	option	option
RS-232 port	standard	standard	standard	standard	standard	standard	standard	standard	standard
Input current distortion THDI	< 6%	< 12%	< 25%, option 12%	< 3%	< 3,5%	< 3%	< 3%	< 3%	< 7-9%
Input power correction (PFC)	standard	standard	standard	standard	standard	standard	standard	standard	-
Scaleable (n+1) capable	Yes	-	-	Yes (horizontal)	Yes (horizontal)	Yes (horizontal+vertical)	Yes (horizontal+vertical)	Yes (horizontal+vertical)	Yes (horizontal+vertical)
Safe-Swap modular	only 4-5 and 6kVA	-	-	-	-	Yes	Yes	Yes	Yes
Central monitoring through Newavewatch via TCP/IP, analogue, ISDN or GSM	-	-	-	Option	Option	Option	Option	Option	-

SINGLE PHASE

THREE PHASE

About Newave SA

Newave Energy is a leading manufacturer of uninterruptible power supply solutions that enable customers to protect their critical applications from operational losses and ensure business continuity. Innovation, quality, serviceability and environmental friendliness are key characteristics of our power protection solutions. Newave Energy has introduced modularity and transformer-less UPS-technology several years ago and these are the most important architectural trends in the UPS market today. Our mission is to help our customers from various industries to protect their critical applications efficiently and to lower environmental impact in a sustainable way. The company operates its own sales and service offices in eight countries and a worldwide network of business partners. Newave Energy continues its focus on development and manufacturing of leading power protection technology while worldwide we provide comprehensive services such as technical consultancy, maintenance and service packages. The company was established in 1993 and is headquartered in Quartino (Switzerland).



Newave Certifications & Recognitions



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AXA Insurance
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Barclays Bank
Basijian Institute
Basler Versicherung
BBC (British Broadcasting Corp.)
Belgorodenergo
Betty Barclay
Blaupunkt
BLS Lötschbergbahn AG
BNFL (British Nuclear Fuels Ltd.)
Boehringer Ingelheim
British Airport Authority (BAA)
British Council
British Telecom
Bürgerspital St. Gallen
Cable and Wireless
Cambridge University
Caterpillar
Central Bank of Russian Federation
Cepsa
Coca Cola
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EDP (Electricity of Portugal)
Elisa
Enfo
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IXEurope (Switzerland) AG
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Lekkerland
Lloyds TSB
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LUKOIL
Manor AG
Mehiläinen
Meridien
Meteorological Office
Metropolitano de Lisboa
Migros
Mobile TeleSystems (MTS)

Mobistar
Motorola
NATs (National Air Traffic control)
Nestlé
Nokian Renkaat
Novartis Consumer Health Schweiz AG
Nuffield Hospitals
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Océ (Schweiz) AG
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OSCE Kosova
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