



Product Overview

AC-DC Chassis mount – Single output

	LS	GUS NEW	CUS-M NEW MODELS	CUS-LD	GWS	SWS-L	HWS-A/HD/P/ME/G NEW MODELS	RWS-B/ME	GXE600	RFE	TPS NEW MODELS	CPFE/Fi	EVS	ZPSA	ZWS/C BAF/BP
Cooling	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Output power	25 – 200W	350 – 1000W	30 – 1500W	80 – 150W	250, 500W	600, 1000W	15 – 3000W	50 – 1500W	600W	1000, 1600, 2500W	3000 – 4500W	1000W	300, 600W	20 – 60W	10 – 300W
Main features	Cost optimized	up to 95.5% efficiency 1U hight compact OVCI	up to 96% efficiency low profile low leakage current many case-styles	up to 90% efficiency low profile	ErP compliant Class C Harmonics (IEC 61000-3-2) > 25% Load	Low profile –40°C start up –20°C to 74°C operating	HD: Harsh environment, P: Peak power for 5sec ME: Medical very high reliability	Compact size 10-year +e-cap lifetime	Digital (RS-485) and analogue programming CV, CC mode up to 95% efficiency	1U · current share optional: PM Bus, internal Oring diodes	400/480 VAC 3phase voltage and current programming	Fanless diode ORing – share option I2C interface	Constant current source	2x3.5" (20W) 2x4" (40/60W) very low height profile	Long e-cap lifetime
Warranty	5 years	3 years	3, 5, 7 years	3 years	5 years	3 years	Leading warranty *	7 years	7 years	2 or 3 years	3 years	2 years	5 years	2 years	5 years

AC-DC Chassis mount – Multiple output

	ZWQ	CUT NEW MODELS
Cooling	↓	↓
Output power	80 – 170W	35 – 100W
Main features	1U height versions 4 outputs	3 outputs 2x4" and 3x5" footprint individual output regulation low profile (1.06")
Warranty	1 years	3 years

AC-DC Configurable

	MU NEW MODELS	NV/M	EFE/M	XMS500A	QM	QS	VEGA
Cooling	↓	↓	↓	↓	↓	↓	↓
Output power	600 – 1500W	175 – 960W	300, 400W	500W	550 – 2000W	600 – 1200W	450 – 900W
Main features	1 – 13 outputs 3.3 – 105.6Vdc Low audible noise Suitable for 1U PMBus	1 – 8 outputs configurable	Full digital control high power density	Single output suitable for 1U low airflow requirement	1 – 18 outputs Very low audible noise	Single output low audible noise dual or single fusing	1 – 11 outputs configurable
Warranty	7 years	3 years	5 years	5 years	7 years	7 years	3 years

AC-DC Rack mount

	HFE NEW MODELS	TPF45000-385
Cooling	↓	↓
Output power	1600 – 3500W	45000W
Main features	up to 13.3kW in 1U hot swap PMBus™, LAN options	PFC-Frontend, 385Vdc, 3-phase input 400 – 480Vac, PMBus™, USB
Warranty	3 years	3 years

AC-DC DIN Rail

	DRL	DRB	D1SE	DRB 3 Phase	DRF	DRM	DBM
Cooling	↓	↓	↓	↓	↓	↓	↓
Output power	10 – 100W	15 – 480W	120 – 480W	120, 240, 480, 960W	120, 240, 480, 960W	2x20A / 1x40A	20A
Main features	Designed for building automation systems with Class II rein- forced insulation.	Compact power supplies for efficient plant control systems.	Essential power supplies without comp- romises on performance and quality	Efficient design for conventional mechanical and plant engineering.	Well equipped and designed for harsh environments.	Buffer and redundancy modules further increase plant up-time.	
Warranty	3 years	3 years	3 years	3 years	5 years	5 years	5 years

DC-UPS

	DUSH
Cooling	↓
Output power	20A
Main features	First class reliability for mission-critical applications
Warranty	3 years

Buffer module

	ZBM20
Cooling	↓
Output power	20A
Main features	12, 15, 24V nom. 380msec. Holdup
Warranty	5 years

AC-DC PCB mount – Single / multiple output

	PFE	PF-B	KPSA/KPSB	KAS/KMS-A/KMD/KMT	KWS-A
Cooling	↓	↓	↓	↓	↓
Output power	300 – 1000W	1500W	5 – 25W	4 – 60W	5, 10, 15, 25W
Main features	Operating up to 100°C baseplate · PFC high efficiency	Low profile PFC front end 360Vdc output	Single output · no external components needed · open frame	90 - 305Vac protection class II 2x MOPP isolation	Single · dual output protection class II efficiency values up to 88%
Warranty	2 or 5 years	5 years	2 or 3 years	2 or 3 years	3 years

AC-DC Desktop

	DT/DTM	WMM30
Cooling	↓	↓
Output power	25 – 300W	30W
Main features	Single output ErP compliant	Single output ErP compliant Class II wide range AC input
Warranty	2 or 3 years	3 years

DC Programmable

	Genesys+™ Genesys™	Z+
Cooling	↓	↓
Output power	750 – 90.000W	200, 400, 600, 800W
Main features	750W in 1U half with up to 90kW in 20U cabinet 0 – 1500V, 0 – 4500A CV, CC, CP-operation mode, arbitrary waveform, multiple interfaces, blank panel, fast speed	2U · 0 – 650V · bench, 2U rack mounted (6 units) · built in USB, RS232/485, analogue integrated arbitrary function · options: LAN, IEEE, isolated analogue, front panel output sockets
Warranty	5 years	5 years

AC Power Sources

	Genesys™ AC NEW MODELS
Cooling	↓
Output power	2000 – 45.000VA
Main features	Single-Phase or 3-Phase · 0 – 350Vac L-N, ±500Vdc Output frequency: DC, 16Hz to 5kHz Multiple interfaces, integrated immunity testing
Warranty	5 years

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Full custom design to customer specification
A power supply designed to meet the customer's unique set of requirements.