









it all start here!









Message of CEO



"Offer the highest quality to customer is my prime detective . We

at SYSMATIC are a strong team of professionals who work together to deliver very best to our clients on each and every project. It is important that we look from our customer's point of view and that our emptors are satisfied with and continue to favour our products, we take great pride in developing personalized hands on relationship with our customers "

MUHAMMAD NADEEM DEHLVI

CHIEF EXECUTIVE OFFICER SYSMATIC POWER SYSTEMS







We take pleasure in introducing ourselves as one of the Leading Importer, Sole Distributor And Traders of Single and Three Phase UPS, Stabilizer (AVR) Line / Power Conditioner up and down, Auto/Isolating/Bariable Transformers and SLA & VRLA Batteries, Computer Power System, Solar Systems, CCTV, Fire Alarm System, Walk Through Metal Detector Gate in Pakistan since last over Three decades.

We believe it is important to maintain a long term partner ship with our customers. Naturally we are obligated to provide all the technical expertise on installation and application support which may be required to initially commission our systems. Beyond that our services undeniably provide reassurance to our customers that they can confidently rely on us for any future support. With our reliable products and quality service, we received high praise from users including government /semi government/defense/privates sectors, financial institutes, hospital and textile industries.

SYSMATIC power superior product and service quality with over decade years of experience in the industry, the **SYSMATIC** team is capable to provide solutions to the most complex requirements in promptly. With a well-grounded team of dedicated engineers and qualified technical staff, **SYSMATIC** endeavors and focuses on continuously improving the quality of its production, testing and delivery processes thereby providing you with delightful customer service at all times.

OUR MISSION

SYSMATIC power core purpose is to foster technological innovation and excellence for the benefit of humanity. **SYSMATIC** is best known to understand the local power conditions, after three decades of experience we have provided our legitimacy and have been able to come up with an even better and more potent power protection solution that is ideally suited for Pakistan. This is why we say:

"SYSMATIC is the most suitable Power Solutions for Pakistan".

OUR VISION

To excel in delivering value to customers as an innovative and dynamic energy company that gets to the future first.









Line Conditioners

Online (UPS)





VRLA, TUBULAR BATTERIES & BATTERY RACK









Transformers (Auto/Variable/Isolating)









Solar Panels



Solar Inverters



CCTV



Data Centres



Surge Protectors



Auto Transfer Switch



Variable Frequency Drive (VFD)



Walk through Gate System



Fire Alarm System







DIPLOMATIC

- Consulate General of AMERICA, Karachi
- Consulate General of BRITISH, Karachi
- Consulate General of ITALY, Karachi

FINANCIAL INSTITUTES:

- Atlas Investment Bank, Karachi
- Bank Al-Habib Ltd, Karachi
- Bank of Indosuez, Karachi
- Citi Bank, Karachi
- EFU Insurance Co, Karachi
- National Bank of Pakistan, Karachi
- NIB Bank Ltd, Karachi
- Standard Chartered Bank Ltd, Karachi

HOSPITALS

- The Aga Khan University Hospital, Karachi
- Atomic Energy Medical Centre, Karachi
- Dr. Ziauddin Hospital, Karachi
- Bukhari Diagnostic Centre, Gujrat
- Civil Surgeon Govt of SINDH, Karachi
- Defence Hospital, Karachi
- Kiran Hospital, Karachi
- Lady Duffren Hospital, Karachi
- Service Hospital, Lahore
- Liaquat National Hospital, Karachi
- N.M.I. Hospital, Karachi
- Patient Aid Foundation, Lahore
- Public Health Department, Karachi
- Remedial Centre, Karachi

GOVERNMENT & DEFENCE SECTOR

Agriculture & Food Division, Lahore

Defence Housing Authority, Karachi

C.C.P.O, Karachi

F.I.A, Lahore

F.I.A, Peshawar

I C³ Project ICT Port Bin Qasim, Karachi

Local Government Department, Karachi

M.P.A. Hostel, Karachi

Machine Readable Passport Offices

Military Enga. Services, Karachi

P.T.C.L, Islamabad

PAF Air War College, Sargodha

Pak PWD E&M Division, Karachi

Pakistan Air Force, Karachi

Pakistan Army Signal, Karachi

Pakistan Navy, Karachi

Pakistan Steel Mills, Karachi

Pakistan Television Corporation

PARCO, Karachi

Qasr-e-Naz, Karachi

State Guest House, Karachl

Technical Board of Education, Karachi

MULTI-NATIONAL COMPANIES

- NESTLE Pakistan •
- Abbott Labortaries (PAKISTAN) LTD.
 - AGP pharma (PVT.) LTD. •
 - Colgate Palmolive (Pakistan)
 - Coca Cola (Pakistan)
 - PEPSI (Pakistan) •
 - PARKE DAVIS & Company LTD.
 - Radius Holding (PVT) LTD. •
 - Sanofi Avantis Pakistan LTD.
 - BASF Pakistan •
 - BERGER Paints (PVT) LTD.
 - DGS (PVT) LTD. •
 - Aspin Pharma (PVT) LTD. Philip Morris •
 - Merck Marker (PVT) LTD. •
- SIEMENS Pakistan Engineering CO.LTD. ROCHE Pakistan LTD.

 - RECKITT BENCKISER Pakistan LTD.
 - Coronet (PVT) LTD. •
 - LANDI RENZO Pakistan
 - NASCORP •
 - NOKIA PAKISTAN •
 - NOVARTIS Pharma Pakistan LTD.
 - Golden Harvest •
 - WYETH Pakistan LTD.
 - SEARLE Company LTD. BAYER Pakistan (PVT) LTD. •
 - TRG (The Resource Group)
 - Archroma Pakistan LTD.

 - IBEX Global Pakistan •







- ★ We provide premium service to customers within warranty period and after expiry of warranty period of our product although customer is our asset and we provide services upto the entire satisfaction of our client,.
- ★ We partner actively with our customer to provide sustainable solution.
- ★ We focus on customer satisfaction, strong relationships backed by a clear strategy and vision which contributed to our reputation for quality and professional services.

CONTACT US

For your current or future power system needs, call our Power Solution Advisors, and let us help you determine the best possible power configuration for your specific need

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SUN SERIES

SINGLE PHASE SERVO MOTOR CONTROL SYSTEM AUTOMATIC VOLTAGE REGULATOR (AVR)

500VA - 50kVA

APPLICATIONS

































*Technical Specification on Next Page





SALIENT FEATURES

Daxten Power SUN series automatic voltage regulators are used for regulation against single phase line voltage fluctuations. In contrast to magnetic voltage stabilizers, this type is a real automatic voltage regulator with servomotor control, applicable to very low or high output power. One important feature is the overload capacity which may run to a multiple of the rated value for a short period of time without causing output voltage breakdown. Further advantages are the independence of load power factor, a small phase displacement and very high power efficiency. These regulators are used for single-phase applications. The circuit configuration of a single phase regulator consists of ring-core variable transformer with servomotor, single auxiliary transformer and single-point regulating unit. The single DC servomotor is controlled by the regulating unit and connected to the ring-core variable transformer via a gear. The position of a carbon brush on the variable transformer is set by the servomotor. Dependent of its position, the auxiliary transformer primary winding is supplied with a voltage in phase with or dephased to the line voltage. Thereby, line over voltage and under voltage is compensated.

MODELS	SUN 0.5kVA	SUN 1kVA	SUN 1.5kVA	SUN 2kVA	SUN 3kVA	
WIODELS	SUN 5kVA	SUN 10kVA	SUN 15kVA	SUN 20kVA	SUN 30kVA	SUN 50kVA

Technical Specification:

PRODUCT SER	IES:	SUN SE	SUN SERIES									
Power Rating.	7	0.5kVA	1kVA	1.5kVA	2kVA	3kVA	5kVA	10kVA	15kVA	20kVA	30kVA	50kVA
Current (amp)	at 110VAC:	4	8	12	16	24	40	80	120	160	240	400
Current (amp)	at 220VAC:	2	4	6	8	12	20	40	60	80	120	200
Input Voltage	:				65	-145VA	C / 150 -	- 250VAC				
Output Voltag	ge:		110VAC/220VAC ±1-5% (Accuracy)									
Phase:			Single-phase+N+PE									
Frequency:						50)Hz/60Hz	?				
Response Time	e:		Within 0.5 sec.against 10% input voltage deviation									
Efficiency:						Bette	er than S	90%				
Power Factor:						Bette	er than 9	95%				
Ambient Tem	perature:					<i>5</i> °C	~ + 40°	-				
Ambient Hum	nidity:				Less	than 90°	% (relativ	e humidit	<i>y)</i>			
Temperature	Rise:					Less	than 75	ic -				
Cooling System	n:					Conve	ction-co	oled				
Control Syster	n:					DC s	ervo-mo	tor				
Style:						Stanc	d-alone s	tyle				
Insulation Res	istance:				More	e than 3	M ohm a	at DC 500	VV			
Dielectric Stre	ngth:		Tested at AC 1500V for 1 min									
Option		•		fect star co Power. In			_					380V,









AHU SERIES

THREE PHASE SERVO MOTOR CONTROL SYSTEM AUTOMATIC VOLTAGE REGULATOR (AVR)

3kVA - 100kVA

APPLICATIONS





































SALIENT FEATURES

Daxten Power AHU series automatic voltage regulators are used for regulation against three-phase line voltage fluctuations. In contrast to magnetic voltage stabilizers, this type is a real automatic voltage regulator with servomotor control, applicable to very low or high output power. One important feature is the overload capacity which may run to a multiple of the rated value for a short period of time without causing output voltage breakdown. Further advantages are the independence of load power factor, a small phase displacement and very high power efficiency. These regulators are used for three-phase applications and also for single phase.

The circuit configuration of a three-phase regulator consists of ring-core variable transformer with servomotor, three auxiliary transformer and three-points regulating unit. The three DC servomotor is controlled by the regulating unit and connected to the ring-core variable transformer via a gear. The position of a carbon brush on the variable transformer is set by the servomotor.

Dependent of its position, the auxiliary transformer primary winding is supplied with a voltage in phase with or dephased to the line voltage. Thereby, line over voltage and under voltage is compensated.

MODELS	AHU 3KVA	AHU 6KVA	AHU 10KVA	AHU 15KVA	AHU 20KVA
WODELS	AHU 30KVA	AHU 50KVA	AHU 60KVA	AHU 80KVA	AHU 100KVA

Technical Specification:

PRODUCT SERIES:	AHU	SERIES								
Power Rating:	3kVA	6kVA	10kVA	15kVA	20kVA	30kVA	50kVA	60kVA	80kVA	100kVA
Current (amp)	12	24	40	60	80	120	200	240	320	400
Input Voltage:		154 - 286VAC / 266-494VAC / 380VAC ±30%								
Output Voltage:		220VAC / 380VAC ±1-5% (Accuracy)								
Phase:		Three-phase								
Frequency:					50H	z/60Hz				
Response Time:		Within 0.3 sec.against 13% input voltage deviation								
Efficiency:		Better than 90%								
Power Factor:		Better than 95%								
Ambient Temperature:					-5°C ∕	~ + 40°C				
Ambient Humidity:				Less 1	than 90%	(relative h	umidity)			
Temperature Rise:					Less t	han 75°C				
Cooling System:					Convect	ion-coolec	1			
Control System:					DC ser	vo-motor				
Style:					Stand-a	alone style				
Insulation Resistance:		More than 5 M ohm								
Dielectric Strength:		Tested at AC 1500V for 1 min								
Equipped with		Over and Under Voltage and Phase Failure Device								









SUPERIOR SERIES

THREE PHASE FULLY AUTOMATIC COMPENSATION
TYPE VOLTAGE STABILIZER

50kVA - 3000kVA

APPLICATIONS



























Home Appliance



*Technical Specification on Next Page

SALIENT FEATURES

Daxten Power SUPERIOR series three phase adjustable compensation voltage stabilizer is composed of three set of single-phase voltage stabilizer by "Star Shaped "connection. With the function of three-phases independently voltage – stabilizing, it applies to the unbalanced input voltage of three phases or unbalanced three-phase loads recover, it has the functions such as voltage regulating stability, high voltage stabilizing precision, and auto-balance of three-phases. The regulating voltage parts of this series voltage stabilizer is adopted the pillar. Therefore, it has more power and more reliability.





SPECIFICATION AND PERFORMANCE

- 1- High power compensation automatic voltage regulator (Stabilizer).
- 2- Widely used in the fields.
- 3- Supporting single machine as well as three-phase.
- 4- Equipped with over-voltage and lock phase protection.
- 5- Automatic drive or manual drive selectable.
- 6- Fully automatic & compensated type is a kind of modified SUPERIOR series product.
- 7- Suitable for the electric network with unbalanced three-phase voltage input!
- 8- By-pass system output.

PRIMARY TECHNICAL PARAMETERS

INPUT

No of Phase Three phase +N+PEVoltage 380VAC $\pm 30\%$ Input Voltage range 266-494VAC
Frequency 50 / 60Hz

OUTPUT

 Voltage
 380/400VAC ±1%(Accuracy)

 Output Voltage range
 376-383VAC / 396-404VAC

Frequency 50/60Hz
Efficiency ≥95%

Response Time ≤1.5s (against 10% input voltage deviation)

Ambient Temperature -10°C ~ +40 °C Insulation Resistance ≥2M Ohm

Waveform Distortion Non additional waveform distortion

Protection Functions 1 min at the rated current of 2 times

Electricity Resistance Strength Power frequency sinusoidal 2000 VAC without

MODEL	DIMENSION (cm)	WEIGHT (kg)	CURRENT (Amp)	MODEL	DIMENSION (cm)	WEIGHT (kg)	CURRENT (Amp)
Superior 50kVA	90 x 130 x 170	650	200	Superior 400kVA	120 x 155 x 210	1760	1600
Superior 80kVA	90 x 130 x 170	800	320	Superior 450kVA	120 x 155 x 210	1800	1800
Superior 100kVA	90 x 130 x 170	850	400	Superior 500kVA	110 x 110 x 220 x 2	2000	2000
Superior 120kVA	110 x 145 x 210	900	480	Superior 600kVA	110 x 110 x 220 x 2	2100	2400
Superior 150kVA	110 x 145 x 210	1350	600	Superior 800kVA	110 x 110 x 220 x 2	2600	3200
Superior 180kVA	110 x 145 x 210	1380	720	Superior 1000kVA	138 x 115 x 220 x 4	3100	4000
Superior 200kVA	110 x 145 x 210	1410	800	Superior 1200kVA	138 x 115 x 220 x 4	3600	4800
Superior 225kVA	110 x 145 x 210	1470	900	Superior 1600kVA	138 x 115 x 220 x 4	4700	6400
Superior 250kVA	110 x 145 x 210	1490	1000	Superior 1800kVA	138 x 115 x 220 x 4	5200	7200
Superior 300kVA	120 x 155 x 210	1700	1200	Superior 2000kVA	138 x 115 x 220 x 4	5800	8000
Superior 320kVA	120 x 155 x 210	1710	1280	Superior 2500kVA	160 x 120 x 250 x 4	6200	10000
Superior 350kVA	120 x 155 x 210	1720	1400	Superior 3000kVA	160 x 120 x 250 x 4	6800	12000









M POWER SERIES 1/1

Tower

TRUE ON-LINE DOUBLE CONVERSION
HI FREQUENCY LCD UPS

1kVA - 10kVA

SALIENT FEATURES

- * Large blue back light LCD for detailed real-time UPS status display
- * Microprocessor control guarantees high reliability
- * Auto self-testing system while turning on UPS
- * Comprehensive self-protection design
- * Audible alarm mute
- * Cold start function
- * Wide input voltage range

APPLICATIONS

















*Technical Specification on Next Page





Technical Specification:

Product Series		M POWER SERIES 1.	/1 (TOWER)								
Model		MP-111	MP-211	MP-311	MP-611	MP-1011					
Capacity	VA/W	1000VA/900W	2000VA/1800W	3000VA/2700W	6000VA/5400W	10000VA/9000W					
Input	Nomianl Voltage	220/230/240VAC									
	Voltage Range	180-300VAC									
	Frequency Range	50Hz: 46~54Hz; 60Hz: 56~64	1Hz								
	Phase	Single phase with ground									
	Power Factor	>0.95				<u>≥</u> 0.98					
Output	Voltage	220VAC/230VAC/240VAC									
	Voltage Regulation	±2% ±1%									
	Frequency	Synchronization range (line r	mode); 50 or 60 x (1 $\pm 0.2\%$)	Hz (Battery mode)							
	Current Crest Ratio	3:1									
	Voltage Distortion	>3% THD (Linear Load)	>4% THD (Linear Load)		<u>≤</u> 2 THD						
		>6% THD (Non-Linear Load)	>7% THD (Non-Linear Loa	ıd)	<u>≤</u> 6 THD						
	Output Waveform	Pure Sinewave									
Battery	Battery Type	12V/7.2Ah									
	Number of Batteries	3	8		20						
	Backup Time(Full Load)	> 5 minutes	> 9 minutes	> 5 minutes	8 minutes	5 minutes					
	Recharge Time	5 hours to 90%	7 hours to 90%	8 hours to 90%							
	Charging Current(Max.)	1.0A	2A								
	Charging Voltage	41.1Vdc ±0.6V	110Vdc ±0.4V								
Transfer Time	AC to DC	Zero									
	Inverter to Bypass	2.5ms(Typical)									
Indicator	Status	Load Level / Battery Level / E	Battery Mode / AC Mode / By	oass Mode / Fault							
Audible Alarm	Battery Mode	Sounding every 4 seconds									
	Low Battery	Sounding every second									
	Overload	Sounding twice every second									
	Fault	Continuously Sounding									
Dimension	DxWxH (mm)	400x145x220	460x192x340		570x280x717						
	UPS Case	482.6x450x87(w.battery)	482.6x450x87								
Weight	Tower Case	14kg	34.5kg	35.5kg	90kg	93kg					
Environment	Operating Temperature	0-40°C									
	Relative Humidity	20-90%(NON-CONDENSING)								
	Noise Level	<45dB@1 Meter	<50dB@1 Meter		55dB@1	Meter					
Interface	Smart RS232	Software supports Windows family,	Linux, Sun Solaris, IBM Aix, Comp	aq True64, SGI IRIX, FreeBSD, HP-	UX and MAC						
	SNMP(option)	Power management from SN									
	USB(option)	Windows family and Mac OS									









SINE PLUS SERIES

TOWER / RACK MOUNT

LINE INTERACTIVE PURE SINE WAVE LED UPS

1000VA - 3000VA

SALIENT FEATURES

- * Snmp allows for web-based remote or monetering power management And startup/restart for connected equipment
- * Built-in boost and buck avr to stabilize the voltage to our computer
- * Provides line-interactive design and true sinewave output
- * User-replaceable hotswappable battery design & cold startup capability
- * Built-in fax / modem surge protection, RS-232, USB communication port
- * Enable to extend runtime scalable external battery pack
- * Microprocessor control guarantees high reliability
- * Fully protection for overload, short -circuit and overheat
- * High frequency design
- * Selectable output range and operating mode
- * Simplecontrol and compact size

APPLICATIONS





















*Technical Specification on Next Page





Technical Specification:

Product Series		SINE PLUS SERIES					
Model		SP-1000	SP-2000	SP-3000			
Capacity	VA/W	1000VA/900W	2000VA/1800W	3000VA/2700W			
Input	Nominal Voltage	225V/230V/235V					
	Acceptable Voltage Range	185V-276V(230V nominal					
	Frequency	50/60 Hz with automatic	selection				
Output	Voltage	225V/230V/235V ± 5%					
	Frequency	50Hz or 60Hz					
	Wave form	Pure Sinewave					
	Transfer time	2-4milliseconds (typical)					
	Normal Mode protections	Overload (110% for 3 m	inutes);shortcircuit protected				
	Battery Mode protections	Overload (110% for 30	seconds);shortcircuit protecte	ed			
	PF	0.7					
Battery	Battery number	12V/9AhX2pcs 12V/7AhX4pcs 12V/5AhX8pcs					
	Typical back-up time	6 min					
	Battery recharge	4 hours 80% Cn (after full di	scharge) Under permanent charge e	ven when the UPS is off (mains presen			
Transfer time	Typical	2-4ms Typical, 6 ms max					
Indicator	AC Mode	Line LED lighting					
	Battery Mode	Battery LED flashing every	4 seconds				
	Site Fault	Site Fault LED lighting (Fo	or 120Vac Models)				
		4-segment LED bar- 0-25°	%: 4th LED lighting 26%-50%:	3rd and 4th LEDs lighting			
		51%-75% : 2nd, 3rd, and	4th LEDs lighting				
		76%-100% : 4 LEDs in a r	ow all lighting				
	UPS Fault	Fault LED Lighting					
Audible alarm	Overload	OverLoad LED lighting					
	Low Battery	Battery LED flashing every					
	Battery Mode	Sounding every 4 seconds	3				
	Low Battery	Sounding every second					
	UPS Fault	Continuously Sounding					
	Overload	Sounding every second					
	Battery Replace	Continuously Sounding					
Physical	Dimension DxWxH(mm)	455x445x90		482x565x90			
	Net Weight(kgs)	19	21.2	24.5			
Communication	Communication interface	RS232 / USB					
	Ethernet adapter	TCP/IP SNMP optional ca	ırd				
	EPO EPO	Available					
	Network Surge Protection	Available					
Interface	RS232	Support Windows family,	Linux and Mac				
	USB	Support Windows Family					
Environment	Noise level(normal mode)	<45dBA (at 1 meter)					
	Temperature	0- 40: °C 10-25 °C for optin	num battery life				
	Environment	Atitude : 2000mt,humidity	95% non-condensing				









EXPERT SERIES 3/3

TRUE ON-LINE DOUBLE CONVERSION HI FREQUENCY LCD UPS

10kVA - 80kVA

SALIENT FEATURES

* N+X PARALLEL REDUNDANCY

The maximum of the built-in parallel mode is 8 UPS without any other external accessories compatible to battery share in the parallel mode

* HIGH-EFFICIENT DSP CHIP

The digital Ti DSP controlling chip provide precise data processing capability with excellent performance in output and reliability

* OUTSTANDING ELECTRIC PROPERTY

The efficiency of the machine is as high as 93% and reaches over 98% in the ECO mode, the input power factor is as high as 0.99

* TWIN -CHANNEL LINE INPUT

The UPS provides customer security in power supply with intelligent choice between two-line input or one-line input according to the actual condition

* INTELLIGENT MANAGEMENT TO **BATTERY CHARGING AND DISCHARGING**

APPLICATIONS



Data Center



















*Technical Specification on Next Page





Technical Specification:

Product Series		EXPERT SERIES 3/3						
Model		ES-10	ES-15	ES-20	ES-30	ES-40	ES-60	ES-80
Capacity	kVA/kW	10kVA/9kW	15kVA/13kW	20kVA/18kW	30kVA/27kW	40kVA/36kW	60kVA/54kW	80kVA/72kW
Rectifier Input	Rectifier Type	IGBT-based \	/ector Controlle	ed PFC (PF Corr	rected)			
	Input Voltage	380 / 400 / 4	15VAC (Accept	ed from 305 to	477 without ba	rtt. Use)		
	Input Frequency	50 or 60Hz (<i>i</i>	Accepted range	from 40 to 70)				
	Input Current THD	<3% (withou	t any Filter)					
	Input Power Factor	≥ 0.99 (with	out any Filter)					
	Power Walk-In	5 to 30s (sele	ectable)					
Bypass Input	Input Voltage	380 / 400 / 4	15VAC					
Battery	Battery Type	VRLA (Valve	Regulated Lead	l Acid) or Wet /	Flooded or Nic	Cd		
	End-Cell Voltage	Selectable fro	om 1.60 to 1.90	Vdc/Cell (for V	RLA)			
	DC Ripple Current (float)	<5% (of C10	AH capacity) R	MS value				
	DC Ripple Voltage(float & const ¥ Ch)	<1% (RMS v	alue)					
	Temp. Comp. Charge	Standard (where internal batteries 10, 15, 20, 30, 40 kVA) and Optional (for all other battery configurations)						
Output	Inverter Type	IGBT-based \	/ector, Repetiti	ve & PI Control	led			
Output Voltage $380 / 400 / 415$ VAC ± 0.5 Regulation (3-phase RMS average)								
	Output Frequency	50 or 60Hz w	with \pm 0.05 Regu	ulation				
	Output Voltage THD	1% (max)						
	Max. Load Crest Factor	3:1 (complia	nt with IEC 620	40-3)				
	Transient Volt. Resp.	10ms to reco	ver \pm 5% of No	minal Voltage f	or 0% to 100%	6 or 100% to 0	% step load	
	Max. Leading PF Load	Up to 0.9						
	Voltage Displacement	120° ± 10°	(with 100% u	nbalanced load)			
	Overload	110% for 60	minutes, 125%	for 10 minutes	s, 150% for 1 r	ninute		
Efficiency	AC-AC	u p to 96%						
EMC-Class		Class-A (App	licable for both	Radiated & Co	nducted)			
Environmental	Storage Temp.	-20 to 70℃ (I	UPS) & -20 to 3	30 (Battery)				
	Operating Temp.	0 to 40℃ (UP	S) & 25 ± 5 (B)	attery)				
	Relative Humidity	0 to 95% (no	n-condensing)					
	Maximum Altitude above Mean Sea Level	1000m (as p	er IEC 62040/3))				
Main unit	Dimension(WxDxH)mm	380x685x1030	385x685x1030	385x685x1030	460x785x1235	460x785x1235	673x835x1550	673x835x1550
	Weight(kg)	145	150	155	240	275	451	510
	UPS Enclosure IP	IP 20 (even y	vith open front	door)				

STANDARDS

IEC 62040-3 EN 50091-1-1 ANSI C62.41 (IEEE 587)

 IEC 62040-2
 EN 50091-2

 IEC 62040-1-1
 EN 50091-3

 IEC 60146-1-1
 EN 60950

 IEC 61000-4-2, 4, 5, 6, 8,11
 EN 60529









POWER LINE CONDITIONER Series 2 to 10kVA

- PROTECTING
- TELECOMMUNICATION,
- SCIENTIFIC, INDUSTRIAL
- EQUIPMENT & ALL OTHER
- CRITICAL APPLICATION.







FEATURES

- 1- Microcontroller Based Intelligent System.
- 2- Solid State & Transformer Based.
- 3- Buil-in Buck-Boost Voltage Stabilizer.
- 4- Filters High Frequency Phase-to-Neutral and Ground-to-Neutral Noise.
- 5- Digital LCD Status Display.
- 6- Over Voltage Isolator against Sustained High Voltage upto 400VAC.
- 7- Overload and Over Temperature Protection.
- 8- Input Circuit Breaker.

*Technical Specification on Next Page





Technical Specification:

Version		Isolated		Non-I	solated	
Models Ratings	DP-2000LC 2KVA	DP-3000LC 3KVA	DP-5000LC 5KVA	DP-7000NLC 7KVA	DP-10000NLC 10KVA	
INPUT						
Input Supply			Single Phase			
Voltage (Startup)	135 to 2	270 VAC		160 to 270 VA	С	
Voltage (Operating)	110 to 3	110 to 285 VAC 140 to 285 VAC				
Frequency			50 Hz			
Connection	3	core cable inp	ut	Hard-wired S	crew terminals	
OUTPUT						
Voltage		225 \	/ac <u>+</u> 7%, Single	Phase		
Frequency			50 Hz			
Maximum Current	5.5A	8A	13.6A	19A	24.5A	
Maximum Capacity (Watts)	1200	1800	3000	4200	5400	
Connection	2	x 3 Pin Socket	ts	Hard-wired Screw terminals		
SURGE & NOISE SUPPRESSION			_			
Surge Energy Rating	300 J	Ioules	450 Joules		Joules	
Over Voltage Isolator			% of Nominal \			
L-N Peak Clamping		820V		7	10V	
Normal Mode Noise		peak above ou			-	
Common Mode Noise	<	1V above Grou	nd		-	
OPERATING ENVIRONMENT						
Temperature			0 to 40°C			
Humidity		0 to 90	0% RH, Non Cor	ndensing		
GENERAL						
Technology			roller Based Ta			
Power Control			nel Master On/			
Cooling System		Intel	ligent Forced (Cooling		
Audible Noise			35 to 55 dB			
Protections	Input under / Over Voltage, Transient Surges, Input Circuit Breaker/Switch, Overload, Over Temperature & Short Circuit					
LCD Display (Online)			ıt, İnput Frequ			
LCD Status (Protection Mode)	VAC in Too High / Too Low, Overload, Thermal Shutdown					
Dimensions (H x W x D) mm		90 x 355	317 x 190 x 4		x 200 x 472	
Weight (kg)	25	32.5	43.5	37	40	









SOLAR SYSTEMS

ON-GRID, OFF-GRID and HYBRID Solar Systems

From 1KW - 1MW



PRODUCTS FEATURES

- Pure Sin Wave and Wall Mounted Inverters
- 15 years Replacement Warranty and 25 years life of Solar Panel
- Industry Leading module Power Output
- Over Load and Short Circuit Protection in Inverters
- Inverters with Mppt and PWM based Solar Charge Controllers
- Programmable Multiple Operation Mode : Grid tie , Off grid & Grid tie with backup
- IP65 protection in Inverters and SolarPanel's junction box
- Reduce utility bills













	TECHNICAL SPECIFICATION									
SOLAR INVERTERS										
MODEL	DPS-1000	DPS-2000	DPS-3000	DPS-5000	DPS-10000	DPS-GRAND				
CAPACITY	1KW	2KW	3KW	5KW	10KW	15KW - 25KW				
INPUT /OUTPUT Phase	1-phase In/Out	1-phase In/Out	1-phase In/Out	1-phase In/Out	3-phase In/Out	3 phase In/Out				
OUTPUT Power RATED	1000W	2000W	3000W	5000W	10000W	15000W-25000W				
MAX PV INPUT Power	600W	1200W	4500W	6000W	14850W	22500W-37800W				
Nominal dc voltage	12vdc	24 VDC	24/48vdc	48vdc	48vdc	_				
Max charge Current	50 A	50A	60A	180A	60-200A	_				
Nominal output Current	4.5A	9A	13A	21.7A	14.5A / phase	21.7A - 40.9A/phase				
OUTPUT POWER FACTOR	<0.99	< 0.99	< 0.99	< 0.99	< 0.99	< 0.99				
Net weight	5 kg	5.5kg	15.5kg	16kg	45 kg	35.7 kg - 43.4 kg				
INPUT Voltage Range		220/230\	/AC ± 30%		230 VAC (P-	-N)/400 VAC (P-P)				
OUTPUT Voltage Range		180-240	VAC (P-N)		380/400	0VAC±20%				
FREQUENCY			50Hz - 60Hz	(Auto Sensing)	_					

SOLAR PANELS MONO CRYSTALLINE 100 watt 250 watt 150 watt 300 watt POLY CRYSTALLINE 100 watt 150 watt 250 watt 300 watt WARRANTY 1 year 1 year 15 years 15 years





BATTERIES

VRLA (GELL, AGM), Tall Tubular Batteries & Cell

PRODUCTS FEATURES

- Good Deep Discha<mark>rge Recovery perfo</mark>rmance
- Wide Operation range -40°c 70°c
- Battery Cabinet made of high strength and durable design

• Safety valve has good sensitivity ,reliable equipped with double flame arrester and acid filter







APPLICATION

UPS

Solar Inverters
Security System
Telecommunication
Power Storage Plants
Military Purpose
Automobiles



		TECHNICAL SPE	ECIFICATION:			
VALVE	REGULATED LEAD ACID ((GELL)	BATTERY	VALVE REGULATED LEAD ACID BATTERY (AGM)			
MODEL	NOMINAL VOLTAGE	RATED CAPACITY	MODEL	NOMINAL VOLTAGE	RATED CAPACITY	
	(V)	(Ah)		(V)	(Ah)	
DPBV12-5	12	5	DPBS12-5	12	5	
DPBV12-7	12	9	DPBS12-7	12	9	
DPBV12-9	12	7	DPBS12-9	12	7	
DPBV12-12	12	12	DPBS12-12	12	12	
DPBV12-18	12	18	DPBS12-18	12	18	
DPBV12-24	12	24	DPBS12-24	12	24	
DPBV12-26	12	26	DPBS12-26	12	26	
DPBV12-38	12	38	DPBS12-38	12	38	
DPBV12-40	12	40	DPBS12-40	12	40	
DPBV12-65	12	65	DPBS12-65	12	65	
DPBV12-80	12	80	DPBS12-80	12	80	
DPBV12-100	12	100	DPBS12-100	12	100	
DPBV12-150	12	150	DPBS12-150	12	150	
DPBV12-200	12	200	DPBS12-200	12	200	

SO	LAR TALL TUBULAR BAT	TERY	VALVE REGULATED LEAD ACID CELL			
MODEL	NOMINAL VOLTAGE	RATED CAPACITY	MODEL	NOMINAL VOLTAGE	RATED CAPACITY	
	(V)	(Ah)		(V)	(Ah)	
DPBT12-150	12	150	DPBC2-300	2	300	
DPBT12-200	12	200	DPBC2-600	2	600	

FLEX SERIES BATTERY CABINET (BATTERY RACK):	
Design according to Customer's requirement.	
MODEL	BATTERY RACKS
FS-series	For 12V Small Capacity Battery = 5Ah, 7Ah , 9Ah , 12Ah , 18Ah , 38Ah , 40Ah , 65Ah
FB-series	For 12V Large Capacity Battery = 80Ah, 100Ah, 150Ah, 200Ah, 300Ah , 600Ah
FC-series	For 2V Cell= 300Ah - 3000Ah

Products specification are subject to change without further notice .

www.DAXTENPOWER.com















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Sindh Revenue Board (S.R.B) No. 3208365-3



General Sales Tax (G.S.T) No. 32-77-8761-317-37

National Tax Number (N.T.N) No. 1286550-8

Sindh Revenue Board (S.R.B) No. 1286550-8

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