



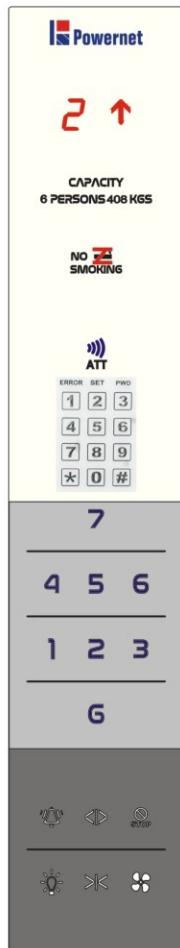
STABILIZER & LIFT UPS



# Range of LOP & COP

## White Falcon Password CTP-G+7

Touch Type  
Seven Segment / Dot Matrix / LCD  
Size : 169 mm x 899 mm  
DC Power - 12/24 Volt



## Penguin/Biometric CTP-G+4

Touch Type  
Seven Segment / Dot Matrix / LCD  
Size : 169 mm x 899 mm  
DC Power - 12/24 Volt



## Twilight - CBT - G+4



## Autumn - CBT - G+4



## Wall mount COP G+ 4

Button Type  
Seven Segment / Dot Matrix / LCD  
Size : 169 mm x 899 mm  
DC Power - 12/24 Volt



## Wall mount COP G+ 4

Button Type  
Seven Segment / Dot Matrix / LCD  
Size : 169 mm x 899 mm  
DC Power - 12/24 Volt



## Wall mount LOP 2 Button

Button Type  
Seven Segment / Dot Matrix / LCD  
Size : 74.3 mm x 274 mm  
DC Power - 12/24 Volt

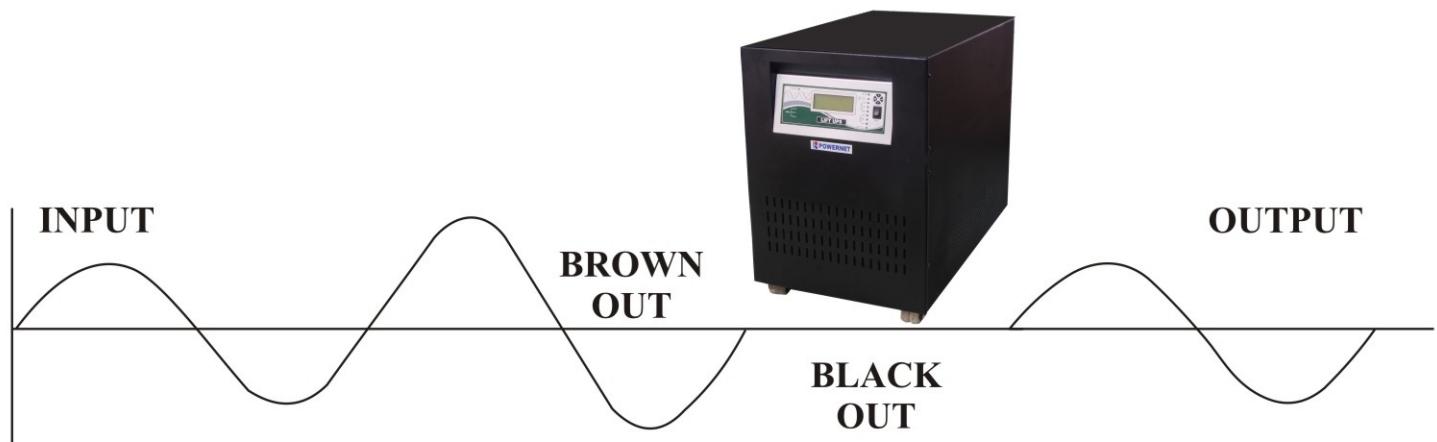


## Wall mount LOP 2 Button

Button Type  
Seven Segment / Dot Matrix / LCD  
Size : 74.3 mm x 274 mm  
DC Power - 12/24 Volt



Un Interrupted and  
flexible Integrated, it's  
as simple as that.



### 3 PHASE LIFT UPS

- **High reliability with DSP Sine wave technology**  
Our new product is embedded with digital signal processing (DSP) technology to produce pure sine wave.
- **Less maintenance & eco friendly**  
Our system is designed with pollution free electrical components, making it more eco friendly.
- **Input 3 Phase Sequencing Protection**  
Our System comes with all the basic protections including input 3 phase sequencing protection which makes our system more reliable.
- **Smart LCD Display with LED Indications**  
To make it easier for the user to understand, our LIFT UPS comes with LCD display & LED indications for displaying all necessary parameters.

- **Facility for Manual Bypass**  
In case of inverter failure or other emergency, our system comes with a rotary to manually bypass the grid to output.
- **Load sensing with smart control**  
Our UPS continuously senses the load & wait for the lift door to open in case of low battery condition. It senses the grid supply & jumps on to grid smartly when grid is in range.
- **Variable Change Overtime**  
To fulfill the needs of various customer, we are providing the facility for easily adjustable change over time (Mains to Battery)

## LIFT UPS : 3 PH IN - 3 PH OUT

### TECHNICAL SPECIFICATIONS

PARTICULARS	CAPACITY	6 KVA	10 KVA	15 KVA	20 KVA	25 KVA				
INPUT	Voltage Range			300 to 480V AC						
	Frequency			50 + 5% Hz						
	Input Power factor			0.9 Lag						
	Total Harmonic distortion	Less than 10% for full load @ 415 VAC Input								
	Charger Topology	Boost Technology								
	Max. Input Current	12	20	30	40	50				
OUTPUT ON BACKUP MODE	DC Voltage	72	120	180	240	360				
	Voltage	380/400/415V (Phase to Phase) can be set on the front panel								
	Voltage Regulation	± 1%								
	Max. O/P Current / Phase	7.5	12.3	18.5	24.6	30.5				
	Frequency	50Hz ± 1%								
	Power Factor	0.8 lag								
	Wave form	Pure Sine Wave								
	Transient reponse	<8%(10% to 90% Linear Load)								
	Voltage Harmonic	(< 3% (Linear Load))								
	Overload Capacity	100 to 110% 2 Min								
		110 to 120% 45 Sec								
		120 to 150% 10 Sec								
AUDIBLE WARNING	Crest Factor	3:1								
	Efficiency	85 to 92% depending on capacity								
	Low Battery Voltage	Automatic shutdown								
DISPLAY			Output under / over voltage shutdown, 3Q sequencing protection							
	Protction Circuitry		Output open circuit protection							
BATTERY & RECHARGE TIME	Battery Back - up Ending	Intermittent								
	Over load	Continous								
DISPLAY	LED	UPS ON, Battery Low / High, O/P Volt. Low/High - R,Y,B Overload - R,Y,B, Fault, CHG. ON, I/P Volt. Low/High- R,Y,B								
	LCD ( 20 x 4 )	I/P Voltage & Frequency - R,Y,B, O/P Voltage & Frequency - R,Y,B Battery Voltage, Load Level, Working Status, Fault Status								
BATTERY & RECHARGE TIME	Battery Capacity	18Ah -200Ah								
	Recharge Time	8 to 10 hours								
	Battery Type	SMF, AUTOMOTIVE, TUBULAR								
OTHERS	Transfer Time	Battery to mains	< 3 ms							
		Mains to Battery	Settable 10m sec to 30 sec							
	Temperature	0 - 45° C								
	Audible Noise	<45dB at 1 meter								
	Humidity	5-95% (Non - Condensed)								
	BYPASS	Rotary Switch (Manual Bypass )								
	Protection Class	IP 20								
	Weight ( Kgs )	58.9	95.2	120	130	140				

Due to continuous development in technology & design, the specifications may change without notice.  
 Custom made systems are manufactured on request.

# SERVO CONTROLLED VOLTAGE STABILIZER



## TECHNICAL SPECIFICATIONS

INPUT	SINGLE PHASE	3 PHASE, 4 WIRE
Capacity	1KVA - 20KVA	3KVA - 1000KVA
Voltage Range	170 - 270 VAC	295 - 465/340 - 465/360 - 460 VAC
Frequency (Hz)	50±3	
OUTPUT	Single Phase	3 Phase, 4 Wire
Voltage (Can be set from Front Panel)	220 / 230 / 240V	380/400/415V
Frequency (Hz)	Same as Input	
Line & Load Regulation	± 1%	
Voltage Correction Time	60V Per second	
Effect of Load Power Factor	Nil	
Out Put Wave form	Same as Input	
Duty Cycle	Continuous	
Efficiency	>98 %	
System cooling*	Air cooled / Oil cooled (Above 100 KVA)	
Overload	Trip with Delay up to 200 Sec	
PROTECTIONS*		
System	Input Over/ Under Voltage Cut - Off, Over Load, Phase Fail, Phase Reversal, Fuse Protections	
INDICATIONS AND ALARMS*		
LED	Mains On, Output On, Mains Over/Under Voltage	
Buzzer	Faulty Conditions	
METERING*		
Display Meters/Control Panel	Frequency, Volt - Current Indicators (Digital /Analog)	
OPTIONAL CONTROLS		
Protections	Contactor, MCB/MCCB, By-Pass	
ENVIRONMENTAL		
Operating Temperature	0° C to 45° C	
Protection Class	IP 20	
Acoustic Noise	<60db at 1 meter	
Humidity	0 - 95 % (Non - Condensed)	

\* Depends on model

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ISO 9001 : 2008  
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