



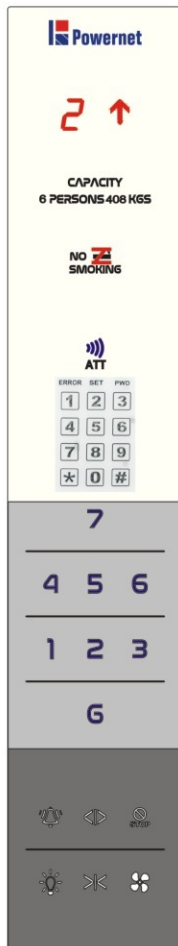
STABILIZER & LIFT UPS



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

Twilight - LBT - 2



Wall mount LOP 2 Button

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

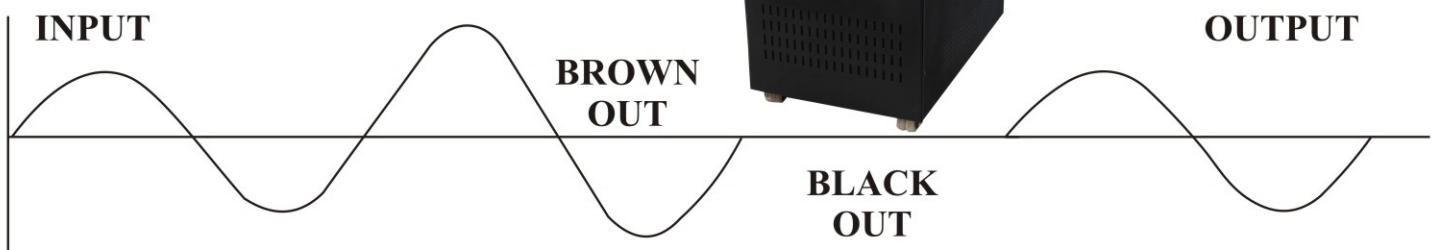
Wall mount LOP 2 Button

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

Autumn - LBT - 2



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 distrotion	Less than 10% for full load @ 415 VAC Input				
	Charger Topology	Boost Technology				
	Max. Input Current	12	20	30	40	50
	DC Voltage	72	120	180	240	360
OUTPUT ON BACKUP MODE	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				
	Crest Factor	3:1				
	Efficiency	85 to 92% depending on capacity				
	Low Battery Voltage	Automatic shutdown				
	Protction Circuitry	Output under / over voltage shutdown, 3Q sequencing protection				
Output open circuit protection						
AUDIBLE WARNING	Battery Back - up Ending	Intermittent				
	Over load	Continuous				
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

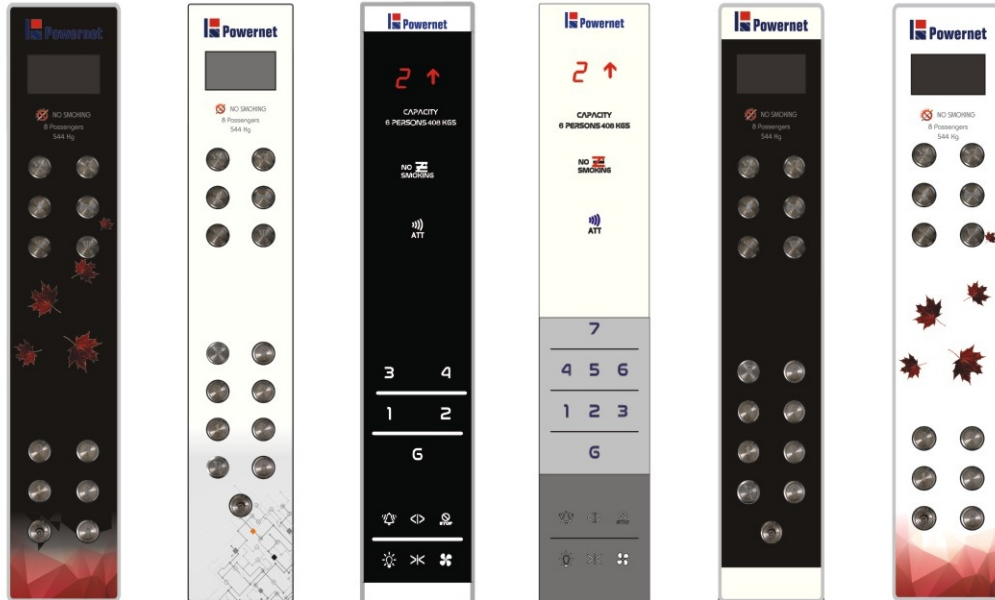
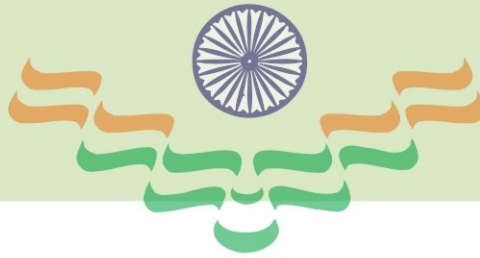


TECHNICAL SPECIFICATIONS

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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