



# Solutions for every industry



CNC MACHINES



ATM MACHINES



SOLAR UPS



CALL CENTERS



PETROL PUMPS



SEWING MACHINES



MRI MACHINES



IT COMPANIES



AC DC PUMPS



DENTAL CHAIR & COMPRESSORS



DATA CENTERS



HOSPITALS

## OUR SPECIALIZED PRODUCT



GYM UPS



UPS SYSTEM FOR LIFTS



UPS SYSTEM FOR PETROL PUMPS



UPS SYSTEM FOR HOSPITALS

## AWARDS & CERTIFICATIONS



EXCELLENCE AWARD



# ONLINE SPECIFICATIONS

## 1KVA-10KVA (1:1) / 5-40 KVA (3:1)

Capacity	<b>1-10KVA (1:1) / 5-40KVA (3:1)</b>
Technology	IGBT-PWM
<b>Input</b>	<b>Single Phase / Three Phase</b>
Voltage & Frequency	230AC +/-10%, 50Hz +/-5% / 4.5v +/-25% 50Hz 400 V +/- 10 VAC
<b>Output</b>	<b>Single Phase / Single Phase</b>
Voltage & Frequency	230VAC +/-1% 50Hz +/- 5%
Static Voltage Regulation	+/-1% of Nominal for all Variations of Line Load & +/-10% for 10-100% step Load Change
Dynamic Voltage Regulation	-6% for 50% step load change
Total Harmonic Distortion	Linear Load < 2.5% & Non-Linear Load < 5%
Over Load	125% for 10minutes & 150% for 1 Minute
Waveform	Pure Sine Wave
Power Factor Load	PF 0.98
Efficiency (INV)	92%
Crest Factor	1: 3
<b>Battery</b>	
Type	External Tubular / Battery /SMF Battery
Nominal Voltage VDC	48, 72, 120, 192, 240 and 360
Recharge Time	8-12 Hours
Mode of Battery Charging	CV/CC mode
<b>Features</b>	
Standard	Overload Reset & Front Panel LCD Panel
Optional	Spike & Surge Suppressor, Inverter Bypass & Software Control / Communication/SNMP
<b>Protection</b>	
Charger MODE	CV voltage & Current Limiter Auto phase sequence correction & failure protector & Fuse / Circuit Breaker with IGBT /SCR Rectifier.
Inverter	Over Voltage & under voltage, Overload cut-off & Short Circuit Protection
Battery	Battery Deep Discharge & Overcharge Cut-off & HRC Fuse / Circuit Breaker
<b>Indication</b>	
Visual	Mains, Charger, Inverter, Battery & Error Information Status
Audible	Changeover, Overload, Battery low & other Error Alerts
<b>Environment</b>	
Altitude	0 – 2000m
Temperature	0 – 40 C
Humidity	95% Non-Condensing
Noise	<60dB

# Certificate of Registration

This is to Certify that  
Quality Management System of

## ALPHA POWER SOLUTIONS

has been assessed and found to conform to the requirements of

# ISO 9001:2015

for the following scope :

ASSEMBLY, SUPPLY, INSTALLATION AND  
SERVICING OF UPS & INVERTERS

Certificate No	: 18IQBB89	UIC	: MSCB-119-66651
Initial Registration Date	: 17/07/2018	Issuance Date	: 20/07/2018
Date of Expiry*	: 16/07/2021		
1st Surve. Due	: 17/06/2019	2nd Surve. Due	: 17/06/2020



**Director**

**AQC MIDDLE EAST FZE.**



**ACCREDITED**  
Management System  
Certification  
MSCB-119

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\*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.

**Certificate Verification:** Please Re-check the validity of certificate at <http://www.aqcworld.com/verification.aspx> or [www.aqcworld.com.at.3ctm.ch](http://www.aqcworld.com.at.3ctm.ch)

© Certification is the responsibility of AQCS. AQCS shall be responsible for the validity of the certificate.

# Our Clientele

