

3P Power

Passion Profession Perfection



PRODUCT CATALOGUE

Excellence ECU Series Semi Industrial AC UPS

Excellence Compact Rack Series AC UPS

FEATURES

• ADAPTABILITY

Designed to accept a wide range of input voltages and frequency range, this DC UPS is capable to cope with the worst utility conditions. It can eliminate harmful distortion from utility power and withstand all kinds of severe impacts from various loads. It is fully capable to support heavy duty equipment, production equipment and DCS (Distributed Control System) system.

• NEW EDGE DESIGN TOPOLOGY

The true online double conversion with a Digital Signal Processor (DSP) control which provides an improved solution with high performance Double isolation between input and output with bypass applied to allow total isolation between power line noises, spikes & transients

• DUAL-MAINS INPUT

Excellence UPS series allow user to connect TWO separate power inputs to increase operational reliability

• FAN SPEED CONTROL

Designed Intelligent 4-levels fan speed control, varying according to load and temperature

• DURABILITY

All PCBAs are fully coated for anti-moisture, anti-electric leakage, anti-dust and anti-corrosion. This robust design is suitable to cope with harsh environments such as high temperature, high humidity, dense dust, salt or fierce vibration



• FLEXIBLE BATTERY CONFIGURATION

The number of batteries can be adjusted flexibly in accordance to the different power demands

• ECO FUNCTIONALITY

Featuring our energy efficiency design under good power condition, UPS can work in ECO mode for up to 98% efficiency, green and energy saving

• MAXIMUM SAFETY FEATURES

Safety features have always been the top priority for our equipment. Our UPS is designed with back feed protection device which prevents any voltage back feed in the upstream distribution board, ensuring the safety of maintenance personnel

• COLORFUL MULTIFUNCTIONAL HMI

The colorful HMI (Human Machine Interface) panel provides an easy and humanized operation of the UPS. It allows user to access the important functions and parameter setting such as system status and alarms, control commands, battery measurements (power, current, voltage, frequency & temperature) and system settings. The compact series' diagnostics system includes event logs up to 100 lines, recording UPS running time and critical memories

SUITABLE FOR INDUSTRIAL & COMMERCIAL APPLICATIONS



* Industrial application such as Process and Control system, Industrial Machinery, Instrument and Measurement, Process monitoring, Control and Security



* Infrastructures application such as Hospital, Airport, Semiconductor, Water Treatment, Building and Traffic Monitoring



* Energy industry application such as Oil & Gas, Petrochemicals, Power Transmission and Distributions



* Military application such as Security and Monitoring

Excellence ECU Series Semi Industrial AC UPS

MODEL	ECU3310	ECU3320	ECU3330	ECU3340	ECU3360	ECU3380
CAPACITY in kVA/kW	10kVA/10kW	20kVA/20kW	30kVA/30kW	40kVA/40kW	60kVA/60kW	80kVA/80kW
SYSTEM INPUT						
Phase	3 / 3 Phase (3W+N)					
Nominal Voltage	380/400/415 Vac					
Voltage Range	-30% ~ +20%					
Input PF	≥ 0.99 @ 100% Load					
Input frequency	40Hz – 70Hz					
BYPASS						
Nominal Voltage	380/400/415 Vac					
Voltage Range	-10% ~ +10%					
Frequency	46 ~ 54Hz or 56 ~ 64Hz @ Line mode, 50 / 60Hz ± 0.1Hz @ Battery mode					
Overload Capacity	> 130% 1 minute (default)					
BATTERY						
Number of VRLA 12Vdc Blocks	10+10	Selectable 32 (16+16) ~ 40 (20+20)				
Charging Current Settings	1A ~ 12A (Adjustable)			2A ~ 24A (Adjustable)		
Charging Voltage per cell	2.23 ~ 2.27	2.23 ~ 2.27				
SYSTEM OUTPUT						
Output PF	1.00					
Output Voltage & Phase	380/400/415 Vac & 3 Phase (3W+N)					
Frequency	46 ~ 54Hz or 56 ~ 64Hz @ Line mode,, 50 / 60Hz ± 0.1Hz @ Battery mode					
Crest Factor	3:01					
Waveform Distortion	Less than 1% @ Linear load, Less than 3% @ Non-linear load					
Over Load	100 ~ 110%: 60 min; 111 ~ 125%: 10 min; 126% ~ 150%: 1 min; >150%: Immediately					
Efficiency	95% @ AC Mode					
	98% @ Eco Mode					
	94% @ Battery Mode					
Transfer Time	0ms @ AC and Battery					
	≤ 4ms @ Bypass and Inverter					
INDICATOR						
LCD Panel	UPS status, Load level, Load Watt, Load VA, Battery level, Input / Output voltage, Output current, Bus voltage, Temp, Warning, Fault code and Events					
AUDIBLE ALARM						
Battery Mode	Beeping Once Every Four Seconds(can be muted)					
Bypass Mode	Beeping Once Every Two Minutes (can be muted)					
Faults Mode	Beeping Continuously (can be muted)					
Overload & Other Faults	Beeping Twice & Once Every Second (cannot be muted)					
MANAGEMENT						
Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC					
Remote Alarm	Standard: Dry Contact and SNMP, Option: AS400 and USB					
ENVIROMENT						
Operation Temperature	0-40°C					
Operation Humidity	< 95% and non-condensing					
Noise Level @ 1 Meter Away	< 55dB	< 65dB			< 75dB	
PHYSICAL						
Net Weight (KG)	28	43	60	67	108	113
Unit Dimension (D * W * H) in mm	630 x 250 x 826		815 x 300 x 1000		790 x 360 x 1010	

3P Power One Stop Solution



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3P POWER PTE. LTD.

1 Genting Link, #04-02,
Perfect One Building,
Singapore 349518

T +65 6743 1006 & +65 6019 0772

E enquiry@3ppower.com

W www.3ppower.com