

UTU UPS 1kVA – 3kVA

Alphapower

The UTU is a line-interactive UPS ideal for various outdoor applications due to its high operating temperature range and rugged design. It has a long back-up time of up to 8 hours and a built-in high powered battery charger.

The connections for the UTU UPS are all front-accessible and coupled with an optional maintenance bypass block; maintenance of the UPS becomes quick and simple.

Some key features include:

- 6 – 8 Hours back up time
- High operating temperature range
- Highly reliable in a rugged environment
- Line interactive design with 10m transfer time
- Built-in sophisticated battery charger
- Three groups of fry contacts: mains failure, UPS fault and door guard
- Built-in input MCB, battery MCB and battery connector
- Front accessible connections
- Built-in SNMP – optional
- Maintenance bypass block available



Product Specifications

Model	UTU-1KL	UTU-2KM	UTU-3KS	
Continuous Output Power @ 50°C	1kVA	2kVA	3kVA	
Input Voltage	230V _{AC} (184 – 276V _{AC})			
Frequency	50/60Hz ± 5Hz			
Output Voltage	230V _{AC} ± 2%			
Output Frequency	50Hz ± 0.1%			
Power Factor	0.8			
Electrical	Overload	> 150% for 20ms > 125% for 20s > 110% for 60s		
	Efficiency	88%		
	THD	< 3%		
	Crest Factor	3:1		
	Overload & Overheat Protection	Auto disconnect with 3 restart attempts		
	Short Circuit Protection	Auto disconnect		
	Battery	12V _{DC}	24V _{DC}	48V _{DC}
	LVD	11V _{DC}	22V _{DC}	44V _{DC}
Battery & charger	Max. Charger Current	40A	40A	30A
	Battery Types	AGM/GEL		
	Absorption Time	Variable		
	Temperature Compensation	-4mV/°C (each cell)		
	Charger Circuit Breaker	5A	5A	10A
	Transfer Time	≤ 10ms		
	Dry Contact	3 Groups		
	Communication Interface	RS232		
	Input SPD	Class C (optional class B)		
	Enclosure	Steel with powder paint		
Physical	Dimensions	19" 3U	19"4U	
	Weight Kg (lbs.)	12 (26.5)	14 (30.9)	15 (13.1)
	Cooling	Thermal controlled forced fan		

Environment & Safety	Protection	IP20
	Operating Temperature	-30 – 60°C (-22 – 140°F)
	Storage Temperature	-40 – 70°C (-40 – 158°F)
	Humidity	5 – 95% non-condensing
	Safety	EN60950-1
	Emission	EN55022
	Immunity	EN55024