

ULT11 Transformer Type Online UPS

6KVA/7.5KVA/10KVA

- * Output power factor 0.8
- * Built-in maintenance switch
- * High short-circuit and overload capabilities
- * Fully coating FCBA's to withstand harsh environment
- * Unique ventilation design for effective heat dissipation
- * Galvanic isolation design to withstand all kinds of loads
- * Wide input voltage and frequency range to withstand robust environment



ULT11 1-Phase-in / 1-Phase-out Transformer Type Online UPS Selection Guide

MODEL		ULT11-6K(L)		ULT11-7.5K(L)		ULT11-10K(L)	
Phase		Single Phase with Ground					
Capacity		6KVA/4.8KW		7.5KVA/6KW		10KVA/8KW	
INPUT							
Nominal Voltage		208/220/230/240VAC					
Input Voltage Range		165 - 285 VAC @ 16 pcs of Batteries					
		185 - 285 VAC @ 18 pcs of Batteries					
Frequency Range		40 Hz - 55 Hz @ 50 Hz system					
		56 Hz – 64 Hz @ 60 Hz system					
OUTPUT							
Output Voltage		208/220/230/240VAC					
Voltage Regulation		± 1%					
Frequency Range (Synchronized Range)		45 - 55 Hz or 56 – 64 Hz					
Frequency Range (Battery Mode)		50 / 60 Hz ± 0.1 Hz					
Current Crest Ratio		3 : 1					
Harmonic Distortion		≤ 3% THD (Linear Load) , ≤ 5% THD (Non-linear Load)					
Transfer	AC Mode to Battery Mode	Zero					
Time	Inverter to Bypass	Zero					
Waveform (Battery Mode)		Pure Sine Wave					
EFFICIENCY							
AC Mode		88.3%					
Battery Mode		92%					
BATTERY							
Standard Model	Battery Type	12V / 9Ah					
	Numbers	16 pcs					
	Typical Recharge Time	6 hours recover to 90% capacity					
	Charging Current (Max)	2 A					
	Charging Voltage	218.4 VDC ± 1%					
Long-run Model	Battery Type	Depending on the Applications					
	Numbers	16 pcs	18 pcs	16 pcs	18 pcs	16 pcs	18 pcs
	Charging Current (Max)	Default 8A, 2A / 4A / 8A (Adjustable)					
	Charging Voltage	218.4 VDC ± 1%	245.7 VDC ± 1%	218.4 VDC ± 1%	245.7 VDC ± 1%	218.4 VDC ± 1%	245.7 VDC ± 1%
INDICATORS							
LCD Panel		Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, and Fault Indicators					
ALARM							
Battery Mode		Sounding every 4 seconds					
Low Battery		Sounding every second					
Overload		Sounding twice every second					
Fault		Continuously sounding					
PHYSICAL							
Standard Model	Dimension, D×W×H (mm)	562×300×830					
	Net Weight (kg)	106		122		130	
Long-run Model	Dimension, D×W×H (mm)	562×250×830					
	Net Weight (kg)	62		78		86	
ENVIRONMENT							
Operating Temperature		0-50 °C (Battery life cycle will be shorten when temperature is above 25 °C)					
Operating Humidity		< 95% and Non-condensing					
Noise Level		Less than 60db @ 1 Meter					
MANAGEMENT							
Smart RS-232 / USB		Supports Windows 2000/2003/XP/Vista/2008, Windows 7/8/10, Linux and MAC					
Optional SNMP		Power management from SNMP manager and web browser					

Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC.

Battery number is set in factory and can't be changed by the users.

Product specifications are subject to change without further notice

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