

# 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		
<b>INPUT</b>							
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						
<b>OUTPUT</b>							
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 Time	AC Mode to Battery Mode		Zero				
	Inverter to Bypass		Zero				
Waveform (Battery Mode )	Pure Sine Wave						
<b>EFFICIENCY</b>							
AC Mode	88.3%						
Battery Mode	92%						
<b>BATTERY</b>							
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%
<b>INDICATORS</b>							
LCD Panel	Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, and Fault Indicators						
<b>ALARM</b>							
Battery Mode	Sounding every 4 seconds						
Low Battery	Sounding every second						
Overload	Sounding twice every second						
Fault	Continuously sounding						
<b>PHYSICAL</b>							
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	
<b>ENVIRONMENT</b>							
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						
<b>MANAGEMENT</b>							
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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