



آرا تجهیز سیستم



Working in Power

TEC	9000-C	9000-CR	Online UPS
	9000-CL	9000-CRL	
	1 phase - 1 Phase		6~10 KVA

L: ORIGINAL LONG BACKUP MODEL
R: RACK MOUNT MODEL



- MULTI SERVERS
- RATERS MODEM
- SINGLE COMPUTERS
- SECURITY SYSTEM
- SMALL DATA CENTER



شركت مهندسين مشاور آرا تجهيز سيستم
 نشانی: تهران، خیابان آپادانا، پلاک ۹۴
 تلفن: ۸۸۷۶۱۶۹۳، ۸۸۷۴۲۰۷۴، ۸۸۴۵۷۲۲۳ - فکس: ۸۸۷۵۰۳۹۷، ۸۸۴۵۷۱۹۵
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Model		TEC9000-C	TEC9000-CR	TEC9000-CL	TEC9000-CRL	TEC9000-C	TEC9000-CR	TEC9000-CL	TEC9000-CRL
Code		U9006IETHBCI	U9006SERHBCI	U9006AETHBCI	U9006AERHBCI	U9010IETHBCK	U9010SERHBCI	U9010AETHBCK	U9010AERHBCI
Capacity (VA / W)		6KVA/4800W				10KVA/8000W			
INPUT									
Phase		Single phase with ground							
Voltage Range	Low Line Transfer	176Vac ±3% , 100% load							
		110Vac ±3% , 50% load							
	Low Line Comeback	175Vac ±5% , 100% load							
		300Vac +5%							
Frequency Range		40Hz ~ 70Hz							
Power Factor		≥0.99, Nominal Voltage (Full load)							
OUTPUT									
Output Voltage		208 / 220 / 230 / 240 Vac							
AC Voltage Regulation (Batt. Mode)		±3%							
Frequency Range (Synchronized Range)		47~53Hz or 57~63Hz							
Frequency Range (Batt. Mode)		50 ±0.25Hz or 60 ±0.3Hz							
Current Crest Ratio		3:1							
Harmonic Distortion		≤ 3% THD (Linear Load) ≤ 6% THD (Non-linear Load)				≤ 4% THD (Linear Load) ≤ 7% THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero							
	Inverter to Bypass	4 ms (Typical)							
Waveform (Batt. Mode)		Pure Sinewave							
EFFICIENCY									
AC Mode		85%				88%			
Battery Mode									
BATTERY									
Numbers	16 pcs	16-20* pcs (Adjustable)	20 pcs (16-20 pcs Adjustable)*	16-20* pcs (Adjustable)					
Battery Type	12V / 9Ah	Depending on applications	12V / 9Ah	Depending on applications					
Typical Recharge Time (hours)	9 hours recover to 90% capacity		9 hours recover to 90% capacity						
Charging Current (max)	Default: 1A±10% , Max: 2A±10%	Default: 4A±10% , Max: 6A±10%	Default: 1A±10% , Max: 2A±10%	Default: 4A±10% , Max: 6A±10%					
Charging Voltage	218.4Vdc ±1%	273Vdc ±1% (Based on 20pcs batteries)							
INDICATORS									
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions								
ALARM									
Battery Mode	Sounding every 4 seconds								
Low Battery	Sounding every seconds								
Overload	Sounding twice every seconds								
Fault	Continuously sounding								
PHYSICAL									
Dimension (DxWxH)(mm)	369x190x668	UPS:580x438x88(2U) Batt, Rack:580x438x133(3U)	369x190x318	580x438x88(2U)	442x190x668	UPS:668x438x88(2U) Batt, Rack:580x438x133(3U)	369x190x318	580x438x88(2U)	
Net Weight (kg)	60	UPS:15 Batt, Rack:48	21	15	75	UPS:18 Batt, Rack:63	23	18	
ENVIRONMENT									
Humidity	0-95% RH, 0-40 °C (non-condensing)								
Noise Level	Less than 55dB, 1Meter				Less than 58dB, 1Meter				
MANAGEMENT									
Smart RS-232	Supports Windows 2000/2003/XP/Vista/2008, Windows 7,linux , Unix, and MAC								
USB									
Optional SNMP									

* When using internal batteries form 16-19, the unit will de-rate according to the below formula: $P = P_{RATING} \times (N/20 \times 100\%)$

** Derate to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208Vac.

*** If the UPS is installed or used in place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

Product specification are subject to change without further notice.