



## R SERIES

1 Phase Input  
1 Phase Output  
Online Ups

1 KVA - 2 KVA - 3 KVA - 6 KVA - 10 KVA

### GENERAL FEATURES / GENEL ÖZELLİKLER

- DSP Controlled (1 Phase Input - 1 Phase Output)
  - True On-Line Double Conversion Design
  - %3 THD true sine wave output
  - RS 232 Communication Port
  - Wide input voltage range
  - SNMP Complying with communication (optional)
  - PFC Controlled
  - Short circuit and overload protection
  - Battery start feature (Cold start)
  - Advanced battery management
  - Fan speed control based on loads
  - Operation principle with low failure by clearing unnecessary details
  - Compliance with local and international standards
  - Wide range of spare part and 7/24 technical support
  - Supply guarantee of 2 years for system and 10 years for spare part
- DSP Kontrollü
  - Gerçek On-Line çift çevrim dizayn
  - %3 THD gerçek sinüs dalga çıkışı
  - RS 232 Haberleşme Portu
  - Geniş giriş gerilim aralığı
  - SNMP Haberleşme ile uyumlu (opsiyonel)
  - PFC Kontrollü
  - Aşırı yük ve kısa devre koruması
  - Aküden start verebilme özelliği (Cold start)
  - Gelişmiş akü yönetimi
  - Yüke göre değişken fan hız devir kontrolü
  - Gereksiz detaylardan arındırılmış düşük arıza ile çalışma prensibi
  - Yerel ve uluslararası standartlara uygunluk
  - Yaygın yedek parça ve 7/24 teknik servis desteği
  - 2 yıl sistem 10 yıl yedek parça temin garantisini

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## 1 Phase Input 1 Phase Output Online Ups

1 KVA - 2 KVA - 3 KVA - 6 KVA - 10 KVA

Model	R1	R2	R3	R6	R10
Capacity KVA / Watt	1 KVA / 900 Watt	2 KVA / 1800 Watt	3 KVA / 2700 Watt	6 KVA / 5400 Watt	10 KVA / 9000 Watt
Input	Voltage				
	220 V AC , 1 Phase + Neutral 115-295 VAC				
Output	Frequency				
	46-54 Hz (Adjustable with software)				
Output	Voltage				
	220 V AC (+/- %1)				
Output	Frequency				
	50 Hz.				
Output power factor	0,9				
Battery feeding time	5/15 Dk.				
Battery type	Dry-type battery group without requirement for maintenance				
Battery pieces	2 x 12V 09 Ah	6 x 12V 07 Ah	6 x 12V 09 Ah	16 x 12V 07 Ah	16 x 12V 09 Ah
Total battery DC voltage	24 Vdc	72 Vdc	72 Vdc	192 Vdc	192 Vdc
Battery Charge Time	5 hours from empty to 90% loading				
Transfer Time	0 sn.				
Overload capacity	%110 to %150 load 30 sec. %150 to big load 10 sn.				
System performance	91%				
Crest Factor	3:1				
THD	Linear Load				
	< 3 %				
THD	Non-Linear Load				
	< 6 %			< 5 %	
Communi. Interface	RS 232 Cominication and SNMP (Optional) Dry Contact (Optional)				
Operation Temperature	0-40 C°				
Storage Temperature	25 C° ile 70 C°				
Humidity	0-95% (Non-condensed relative humidity)				
Max. Operation Height	2000 m				
Protection Class	IP 20				
Electromagnetic Compliance	EMS : IEC61000-4-2(ESD) IEC61000-4-3 (RS) IEC61000-4-4(EFT) IEC61000-4-5 (SURGE) EMI IEC62040-2 CLASS B				
Noise Level	< 50 dBA			< 55 dBA	
Sizes (WxDxH) mm.	440 x 468 x 88	440 x 690 x 88		440 x 565 x 132	
Net Weight (Kg)	15	29	34	19 (Without Battery)	

\* Celta reserves right to amend the data herein without notification