



- True double-conversion
- Output power factor 1
- Output voltage regulation < 1%
- Higher output crest ratio 3:1
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot swappable battery design
- ECO mode energy saving
- Emergency power off (EPO) function
- Provides over voltage cutt-off protection and surge immunity by MOV for full time equipment protection
- High power factor charger up to 1000W capacity with very low ripple current when charging battery
- Low input THDi to reduce power system pollution
- Adjustable charging current via LCD panel
- Smart battery charger design to optimize battery performance
- Generator compatible

PRIME PLUS ONLINE UPS SELECTION GUIDE						
MODEL	1101 RT		1101.5RT	1102 RT		1103 RT
PHASE	Single phase with ground					
Capacity	1000 VA / 1000 W		1500 VA / 1500 W	2000 VA / 2000 W		3000 VA / 3000 W
<b>INPUT</b>						
Nominal Voltage	100/110/115/120 /127 VAC or 200/208/220/230/240 VAC					
Voltage Range	55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load					
Frequency Range	40Hz ~ 70Hz					
Harmonic Distortion(THDi)	≤5% @ nominal input voltage					
Power Factor	≥ 0.99 @ nominal voltage (100% load)					
<b>OUTPUT</b>						
Output Voltage	100*/110*/115*/120/127 VAC or 200*/208*/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)	± 1%					
Frequency Range (Synchronized Range)	57 ~ 63 Hz or 47 ~ 53 Hz					
Frequency Range (Batt. Mode)	60Hz ± 0.1Hz or 50 Hz ± 0.1Hz					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	≤ 2 % THD (Linear Load); ≤ 4 % THD (Non-linear load)					
Transfer Time	AC mode to Battery mode		Zero			
	Inverter to Bypass		4 ms (Typical)			
Waveform (Batt. Mode)	Pure Sinewave					
<b>EFFICIENCY</b>						
AC Mode	≥89% @ full charged battery			≥91% @ full charged battery		
ECO Mode	≥ 96% @ full charged battery					
Battery Mode	≥88%			≥90%		
<b>BATTERY</b>						
Battery Type	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH
Numbers	2	3	3	4	6	6
Typical Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current					
Charging Current	100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable			Default: 2A, Max: 8A adjustable		
Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%
<b>PHYSICAL</b>						
Dimension, D X W X H (mm)	410 x 438 x 88		410 x 438 x 88	510 x 438 x 88	630 x 438 x 88	630 x 438 x 88
Net Weight (without battery) (kgs)	6,6	7,8	8,1	9,4	10,6	12,4
Net Weight (w/built-int battery) (kgs)	11,6	14,1	15,5	19,5	23,3	27,5
<b>ENVIRONMENT</b>						
Humidity	20-90 % RH @ 0- 40°C (non-condensing)					
Noise Level	Less than 50dBA @ 1 Meter					
<b>MANAGEMENT</b>						
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux and					
Optional SNMP	MAC Power management from SNMP manager and web browser					
<b>STANDARD</b>						
EMC/safety	(EMC 1-1.5K: EN62040-2 C1, 2K-3K EN62040-2 C2) for CE models					

\*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

Product specifications are subject to change without further notice