

PRIME PLUS

6-10 kVA

Έξυπνο ON-LINE UPS με μηδενικό χρόνο μεταγωγής, καθαρή ημιτονική τάση στην έξοδο και υψηλή απόδοση με συντελεστή ισχύος (P.F) 1 καθώς και προαιρετική επέκταση στη διάρκεια των μπαταριών.

Smart ON-LINE UPS with zero switching time, clear sine wave and high output efficiency with power factor (P.F) 1, as well as optional extended battery runtime.



ONLINE UPS

1 phase in / 1 phase out



ΤΕΧΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ

- Τεχνολογία πραγματικής διπλής μετατροπής
- Τεχνολογία με ενσωματωμένους μικροεπεξεργαστές (DSP) που εγγυάται υψηλές επιδόσεις
- Συντελεστής Ισχύος Εξόδου 1
- Ευρύ φάσμα τάσης εισόδου (110-300 VAC)
- Ενεργή διόρθωση του συντελεστή ισχύος εισόδου 0,99
- Λειτουργία μετατροπής συχνότητας 50Hz/60Hz
- Λειτουργία απενεργοποίησης έκτακτης ανάγκης (EPO)
- Συμβατό με γεννήτρια
- Επικοινωνία SNMP/USB/RS-232
- Ρυθμιζόμενος αριθμός μπαταριών
- Προαιρετική N + X δυνατότητα επιπλέον παραλληλισμού

GENERAL SPECIFICATIONS

- True double-conversion
- DSP technology guarantees high performance
- Output Power Factor 1
- Wide input voltage range (110-300 VAC)
- Active input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Optional N+X parallel redundancy

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ONLINE UPS 1 phase in / 1 phase out

Tescom

MODEL	Prime Plus 1106 SRT	Prime Plus 1110RT	Prime Plus 1106 SRT XL	Prime Plus 1110RT XL
TESCOM CODE	UPS.0516+BPC.0099	UPS.0511+BPC.0100	UPS.0516	UPS.0511
PHASE	1 phase in / 1 phase out			
CAPACITY	6000 VA / 6000 W	10000 VA / 10000 W	6000 VA / 6000 W	10000 VA / 10000 W
INPUT				
Nominal Voltage	208/220/230/240 VAC			
Voltage Range	110~300VAC ± 3 % at 50% load 176~300VAC ± 3 % at 100% load			
Frequency Range	46~54 Hz @ 50Hz / 56~64 Hz @ 60Hz			
Phase	Single phase with ground			
Power Factor	≥ 0.99 @ full load			
THDi	<4% @100% Load, <6% @50% Load			
OUTPUT				
Output Voltage	208*/220/230/240 VAC		208*/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)	± 1%		± 1%	
Frequency Range (Synchronized Range)	46~54 Hz @ 50 Hz / 56~64 Hz @ 60 Hz			
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio	3:1 (max.)			
Harmonic Distortion	≤1% THD (Linear Load), ≤ 4 % THD (Non-linear Load)		≤1% THD (Linear Load), ≤ 4 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero		
	Inverter to Bypass	Zero		
Waveform (Batt. Mode)	Pure Sinewave			
Overload	AC Mode	100%~110%: 10min, 110%~130%: 1min, >130% : 1sec		
	Battery Mode	100%~110%: 30sec, 110%~130%: 10sec, >130% : 1sec		
EFFICIENCY				
AC Mode	94%		94%	
ECO Mode	98,5%		98,5%	
Battery Mode	92%		92%	
BATTERY				
Standard Model	Battery Type	12 V / 7 AH	12 V / 9 AH	Depending on applications
	Numbers	20	20	16-20**
	Typical Recharge Time	9 hours recover to 90% capacity		
	Charging Current (max.)	1.0 A		4.0 A
	Charging Voltage	218.4 VDC ± 1%	218.4 VDC ± 1%	(13.65VDC x battery number) ± 1%
PHYSICAL				
Standard Model	Dimension, D x W x H (mm)	UPS Unit: 610x38x88 [2U] Battery Pack:715x438x88 [2U]		610 x 438 x 88 [2U]
	Net Weight (kgs)	UPS Unit: 17 Battery Pack: 48	UPS Unit: 20 Battery Pack: 53	17 20
ENVIRONMENT				
Operation Humidity	20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level	Less than 55dBA @ 1 Meter	Less than 58dB @ 1 Meter	Less than 55dBA @ 1 Meter	Less than 58dB @ 1 Meter
MANAGEMENT				
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC			
Optional SNMP	Power management from SNMP manager and web browser			

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated.

**When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9

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

Product specifications are subject to change without further notice