

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 δυνατότητα επέκτασης του χρόνου αυτονομίας.

Smart ON-LINE UPS with zero switching time, clear sine wave, high output efficiency with power factor (P.F) 1 and optional back up time upgrade.



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
- Ψυχρή εκκίνηση
- Αυτόματη επανεκκίνηση

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
- Cold Start
- Auto Restart

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ONLINE UPS 1 phase in / 1 phase out

Tescom

MODEL		Prime Plus 1106 SRT	Prime Plus 1106 SRT XL	Prime Plus 1110RT	Prime Plus 1110RT XL
TESCOM CODE		UPS.0516+BPC.0099	UPS.0516	UPS.0511+BPC.0100	UPS.0511
PHASE		1 phase in / 1 phase out			
CAPACITY		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	Depending on applications	12 V / 9 AH	Depending on applications
	Numbers	20	16-20**	20	16-20**
	Typical Recharge Time	9 hours recover to 90% capacity		9 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A	4.0 A	1.0 A	4.0 A
	Charging Voltage	218.4 VDC ± 1%	(13.65VDC x battery number) ± 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]	UPS Unit: 610x438x88 [2U] Battery Pack: 715x438x88 [2U]	610 x 438 x 88 [2U]
	Net Weight (kgs)	UPS Unit: 17 Battery Pack: 48	17	UPS Unit: 20 Battery Pack: 53	20
ENVIRONMENT					
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		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