

PLATINUM SERIES UPS

(3-6kVA)



True On-line Double Conversion Platinum Series UPS Series has been designed to support and protect various applications. Ideal backup system for VoIP, PBX systems, Telecom systems, small data centers and advanced control systems.

Engineered to support demanding applications

- **Available sizes**

3kVA, 6kVA units available

- Available in 208VAC

- **Variable Voltages (Input/Output)**

Available Voltages

(208VAC) input, (208VAC) output

- **Transformer Pack**

The Platinum Series offers a transformer pack (T/R) to allow for 208V outputs, and 120V outputs. (6kVA only.)

- **Tower or Rack Configurations**

These units are designed for 19" rack applications, and/or Tower (less footprint).

- **Conformal Coated Boards**

- Conformal coated boards allow for the Platinum Series to be used in "Light Industrial" applications. Boards that are conformal coated include the Main PCB, Comm., Charger and Control boards.

- **Input/Output Receptacles**

Input Power Cords

3kVA Input - L6-20P Detachable Input Power Cord

6kVA Input - Hardwired

208VAC UPS (Outputs)

3kVA - (8) IEC C-13, (1) C-19 Receptacles

6kVA - Hardwire outputs

- **Extended Battery Cabinets**

All units are supported with additional battery backup by using the extended battery cabinets. Each battery cabinet includes power cord from battery cabinet to UPS.

- **2 Post Rail Kits**

UPS packaging includes feet for Tower set up. 2 Post Rail Kits are available as an option.

- **4 Post Rail Kits**

UPS packaging includes feet for Tower set up. 4 Post Rail Kits are available as an option.

- **Communication Cards**

Available Communication Cards include the following:

- Standard SNMP Protocol
- MODBUS Communication
- WiFi Communication
- Relay Card

- **Warranty**

Two (2) year warranty on the electronics and batteries. For additional warranty options please call factory.

- **Agency Standards**

All units are TUV Certified (tested to UL1778, 5th Edition, CSA22.2 No.107.3-14)

- **TAA Approved**

All units comply with Trade Agreement Act (TAA), 19 U.S.C. ~2501.2581

Specifications:

MODEL		3kVA(H)	6kVA(H)
CAPACITY*		3kVA / 3kW	6kVA / 6kW
Input Voltage Nominal Range		208VAC (+20-25%)	
Frequency Range		40-70Hz +/-4% (Auto Sense on Startup)	56Hz – 64Hz (60Hz system)
Topology		True Online Double Conversion Type	
Input Current THD		< 9.0%	
Power Factor		➤ 0.99 at 100% Load	
Phase		Single Phase with Ground	
OUTPUT			
Output Voltage / Low-High		120/208/220/230/240VAC (*120V w/transformer pack) 6kVA	
AC Voltage Regulation		+/-1% (Normal)	
Frequency Range (Sync Range)		40-70Hz +/-4% (Auto Sense on Startup)	56-64Hz (60Hz system)
Overload	AC Mode/	100-110%: 10 min., 110-130%: 1 min., > 130% 1 second	
	Battery Mode	100-110%: 10 min., 110-130%: 1 min., > 130% 1 second	
Current Crest Ratio		3:1 Max	
Voltage THD		<2% @ 100% Linear Load, <4% @ 50% Non-Linear Load	
Step Load Response		+/-4% @ 50% step load, +/- 6% @ 100% step load Return to Nominal (11 cycles)	
AC Mode		>91% @ fully charged batteries	>93.5% @ fully charged batteries
BATTERY DIMENSIONS/WEIGHT			
Voltage (VDC)		82.1VDC +/- 1%	
Battery Backup Time (Internal)		@ 3.5 Minutes (at Full Load)	N/A
Charger Current		Default: 2A, Max: 8A Adjustable	4A +/- 10% (Max)
Recharge Time		3 hrs to 95% capacity, 2A charge I	3 hrs to 95% capacity, 2A charge I
Standard Battery Pack	Dimension, W x D x H (In.)	17.3" x 24.8" x 3.4"	17.3" x 23.6" x 5.25"
(BR9 type)	Net Weight (lbs)	57 lbs	125 lbs
UPS DIMENSIONS/WEIGHT			
Standard UPS	Dimension, W x D x H (In.)	17.3" x 24.8" x 3.5"	17.3" x 24.0" x 3.5"
	Net Weight (lbs)	61.3 lbs	37.3 lbs
ENVIRONMENTAL			
Operation Temperature		0 - 40 Degrees C	
Operation Humidity		< 95% and non-condensing	
Operation Altitude		< 3000 Ft	
Heat Dissipation (BTU/Hr)		1500BTU's/Hour	1800BTU's/Hour
Acoustic Noise Level (Front of Unit)		Less than 50dB (one meter)	Less than 55dB (one meter)
Smart RS-232 or USB		Supports Windows 2000/2003/XP Vista/2008/7/8/10, Linux, Unix and MAC	
Optional SNMP		Power Management with SNMP Communication Card	
MODBUS Card		Power Management with MODBUS Communication Card	
AGENCIES			
RoHS		All units are RoHS Compliant	
Safety Agencies		TUV Certified to comply to UL1778 (5 th Edition), CSA22.2 No. 107.3-14	
EMC		FCC Part 15J, Class A., Electrostatic Discharge, IEC 61000-4-3 Level 3 Radiated Electromagnetic Filed Immunity. (Additional EMC Agencies listed in Owner's Manual)	