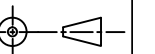


LP POWER SYSTEM PRODUCT GUIDE

REVISION CHANGE HISTORY

[illegible]

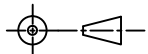
ELTEK CONFIDENTIAL & PROPRIETARY - USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ± 0.015

DESCRIPTION OF CHANGE PER ECO NO.			
NEW DRAWING RELEASE			
ENGINEER	ENG.		
Franky Huang	04-15-14		
DRAFTER	DRAWN		
APPROVED	IFS	CAD AUTOCAD	
		ASSEMBLY DRAWING	
		LP POWER SYSTEM PRODUCT GUIDE	
		REVISION CHANGE HISTORY	
		DRAWING ISSUE DATE	
		DRAWING NUMBER 2102227	REV
			2

LP POWER SYSTEM PRODUCT GUIDE



SHEET CONTENTS	SECTION	NOTE
POWER SHELF	1.1	
BATTERY BOX	1.2	
POWER SHELF AND BATTERY BOX DRAWINGS	1.3	
RECTIFIER	2	
ACCESSORIES BREAKERS AND AC LINE CORD SELECTION	3	
PRECONFIGURED KITS	4	
CUSTOMER REFERENCE DOCUMENTS	5	



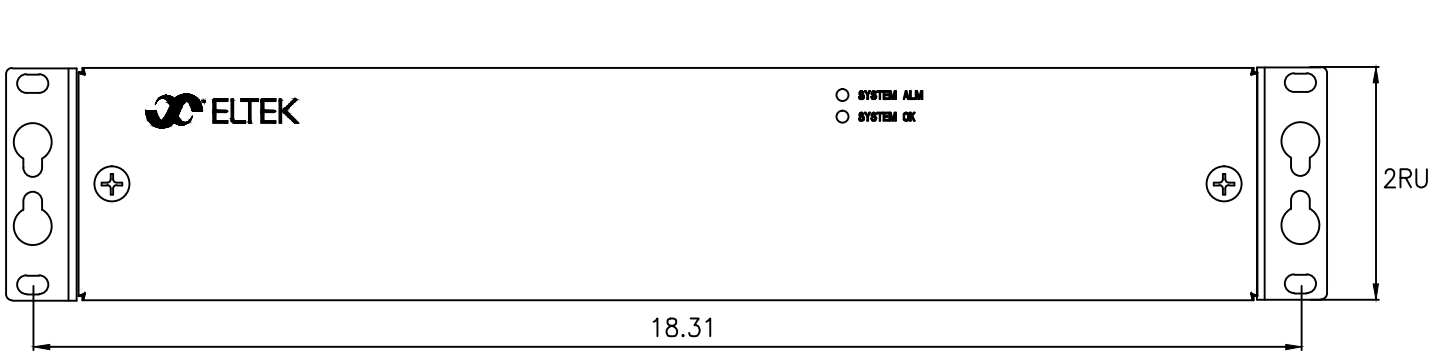
ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04-15-14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		COVER
		DRAWING ISSUE DATE
		DRAWING NUMBER 2102227
		REV 2

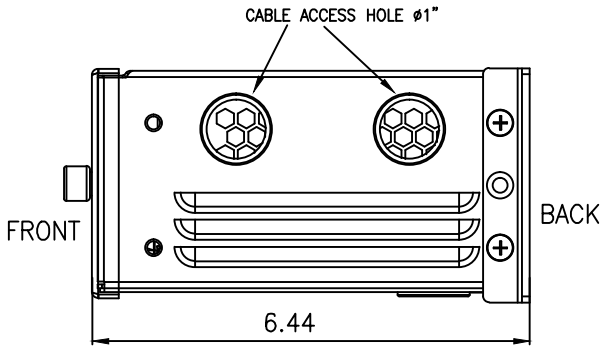
SECTION 1.1 POWER SHELF

TABLE 1A LP POWER CORE

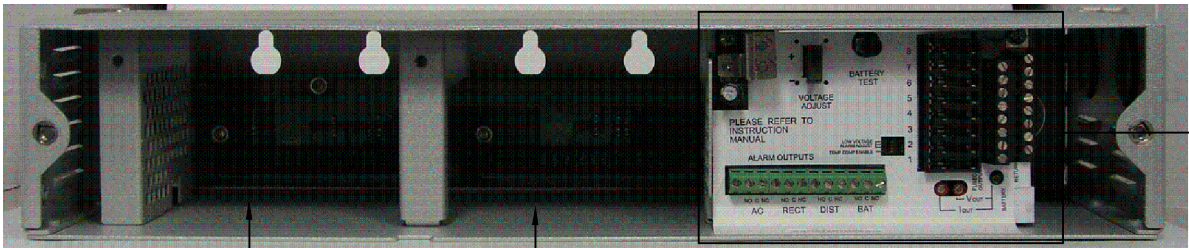
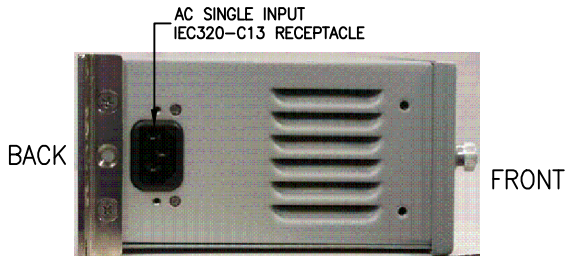
PART NUMBER	DESCRIPTION	OUTPUT VOLTAGE (VDC)	MAX. CURRENT ⊗ NOMINAL OUTPUT VOLTAGE	RECTIFIER POSITIONS	BATTERY		LOAD			AC INPUT				AGENCY APPROVAL	WIDTH (IN)	DEPTH (IN)	VERT. SPACE (RU)	CLEI/CPR	APPROXIMATE WEIGHT (LBS)	NOTE
					# OF BATT. CONNECTION ERMINAL	LVD OPTION	GMT FUSE POSITIONS & RATING	LOAD CONNECTION	LVD	AC INPUT FEED	INPUT RECEPTACLE TYPE	AC INPUT MAX. CURRENT	RECOMMENDED AC BREAKER							
LPS010-100-VC	LP POWER SHELF/WALL OR RACK MOUNT, -48VDC/10A, 19"/2RU HIGH - SINGLE AC INPUT (LI AC CORD), QTY 2 RECTIFIER POSITIONS - QTY 8 GMT LOAD FUSE POSITIONS - INTEGRATED CONTROLLER W/ FOUR FORM C RELAY CONTACTS, THERMAL COMPENSATION, ADJUSTABLE LOW VOLTAGE ALARM AND SYSTEM STATUS LED	-48	10	2	1	NO LVD	QTY 8 UP TO 15A	TERMINAL BLOCK, MAX 12AWG	NO	SINGLE	IEC320-C13	9.2A	15A	UL, CB, NEBS LEVEL3	19	6.44	2	YES	7	
LPS010-400-VC	LP POWER SHELF/WALL OR RACK MOUNT, -48VDC/10A, 19"/2RU HIGH - SINGLE AC INPUT (LI AC CORD), QTY 2 RECTIFIER POSITIONS - QTY 8 GMT LOAD FUSE POSITIONS ON LVLD - INTEGRATED CONTROLLER W/ FOUR FORM C RELAY CONTACTS, THERMAL COMPENSATION, ADJUSTABLE LOW VOLTAGE ALARM AND SYSTEM STATUS LED	-48	10	2	1	NO LVD	QTY 8 UP TO 15A	TERMINAL BLOCK, MAX 12AWG	LVLD ON ALL LOADS	SINGLE	IEC320-C13	9.2A	15A	UL, CB, NEBS LEVEL3	19	6.44	2	YES	7	
BR1923	19" TO 23" 2RU ADAPTER BRACKET KIT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	NA	



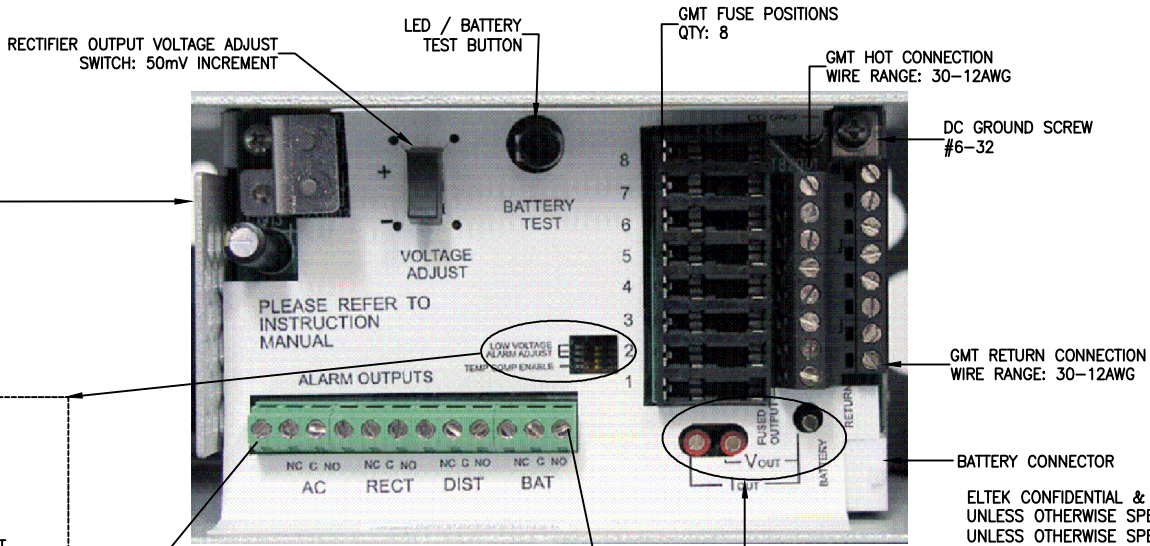
POWER SHELF FRONT VIEW



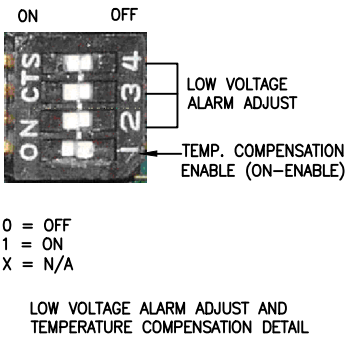
POWER SHELF SIDE VIEW



POWER SHELF WITHOUT COVER



LOW VOLTAGE SETTING	
DIP SWITCH POSITION	LOW VOLTAGE LIMIT (VDC)
1234	
X000	48.0
X100	48.5
X010	49.0
X110	49.5
X001	50.0
X101	50.5
X011	51.0
X111	51.5



NC	C	NO	NC	C	NO	NC	C	NO	NC	C	NO
AC ALARM			RECTIFIER ALARM			DISTRIBUTION FUSE ALARM			BATTERY LOW VOLTAGE ALARM		
FORM C RELAY OUTPUT WIRE RANGE: 30-16AWG											

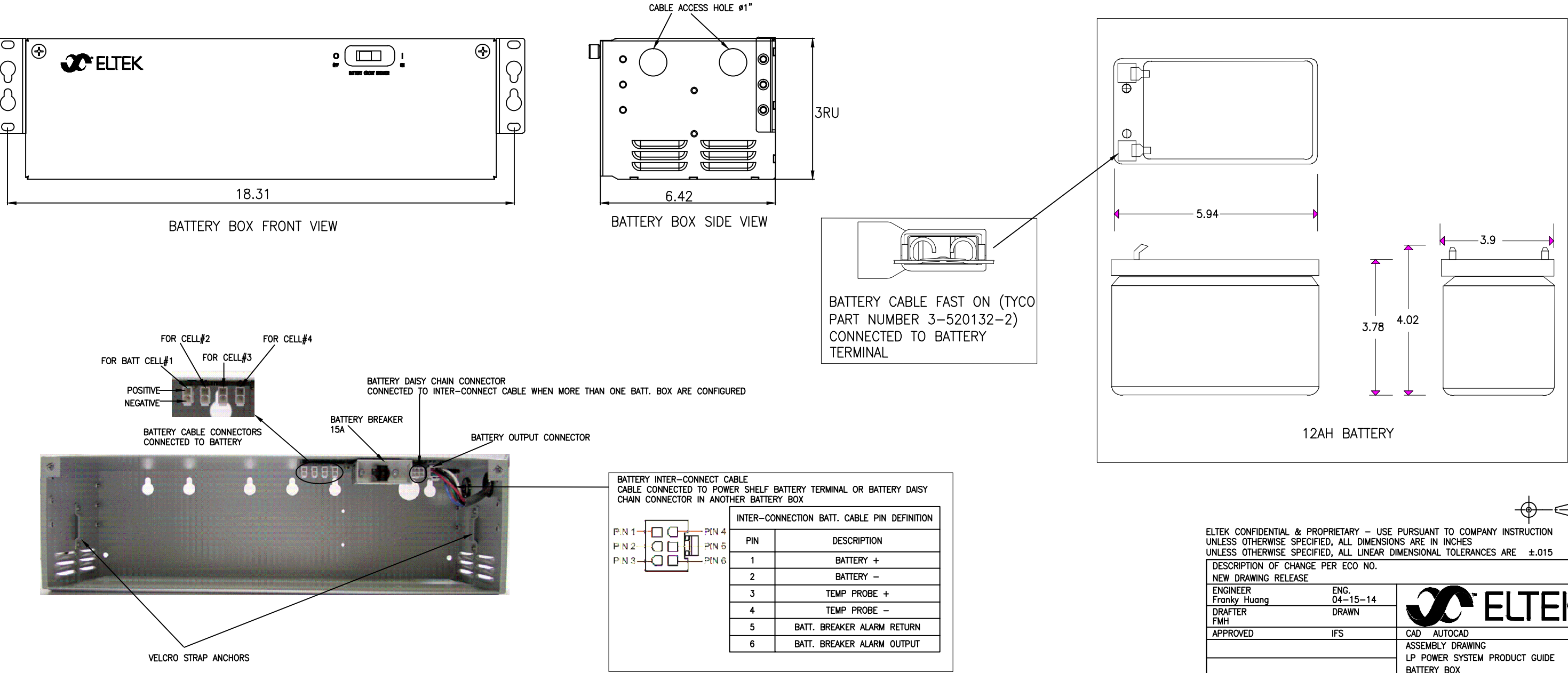
ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04-15-14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		POWER SHELF
		DRAWING ISSUE DATE
		SECTION 1.1
		DRAWING NUMBER 2102227

SECTION 1.2 BATTERY BOX

TABLE 1B BATTERY BOX								
PART NUMBER	DESCRIPTION	WIDTH (IN)	VERT. SPACE (RU)	BATT WIRE SIZE/RATING/LENGTH	BREAKER ON BATT TRAY (A)	CLEI/CPR	APPROXIMATE WEIGHT (LBS)	NOTE
LPB012-100-VC	19" 3RU BATTERY SHELF, WALL OR RACK MOUNT, ACCOMMODATES 12AHR BATTERIES INCLUDES: 15A BATT. BREAKER, 14" INTER-CONNECT CABLE (CONNECTION BETWEEN POWER SHELF AND BATT. BOX), QTY 4 14" BATT. CABLES (CONNECTION BETWEEN BATT. AND BATT CABLE CONNECTOR) AND VELCRO STRAP	19	3	16AWG/15A/14"	15	YES	8	MAX. 2 BATTERY BOXES PER SYSTEM
BR1923	19" TO 23" 2RU ADAPTER BRACKET KIT	NA	NA	NA	NA	NO	NA	

TABLE 1C BATTERY							
PART NUMBER	DESCRIPTION	CAPACITY (AH)	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	APPROXIMATE WEIGHT (LBS)	NOTE
251631	12V BATTERY 12AH	12	5.94	3.9	4.02	9.26	

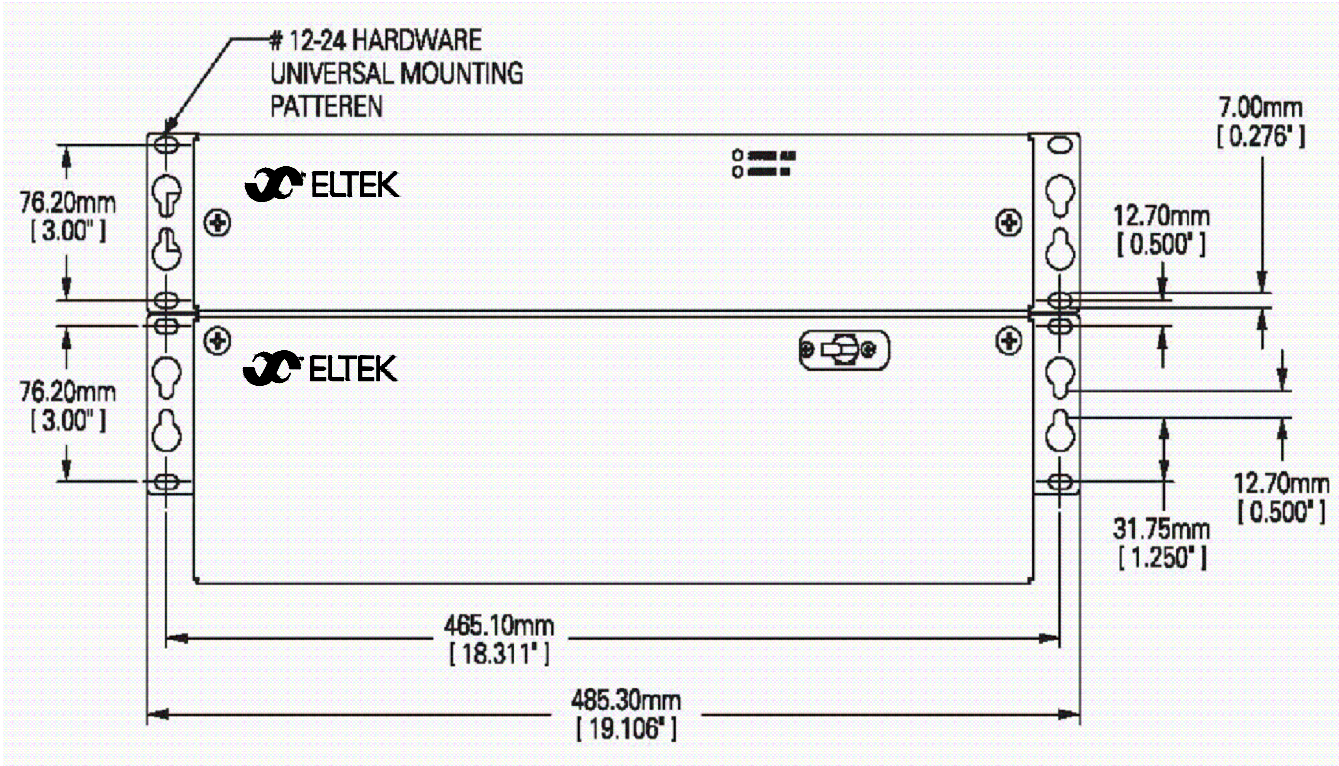


ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

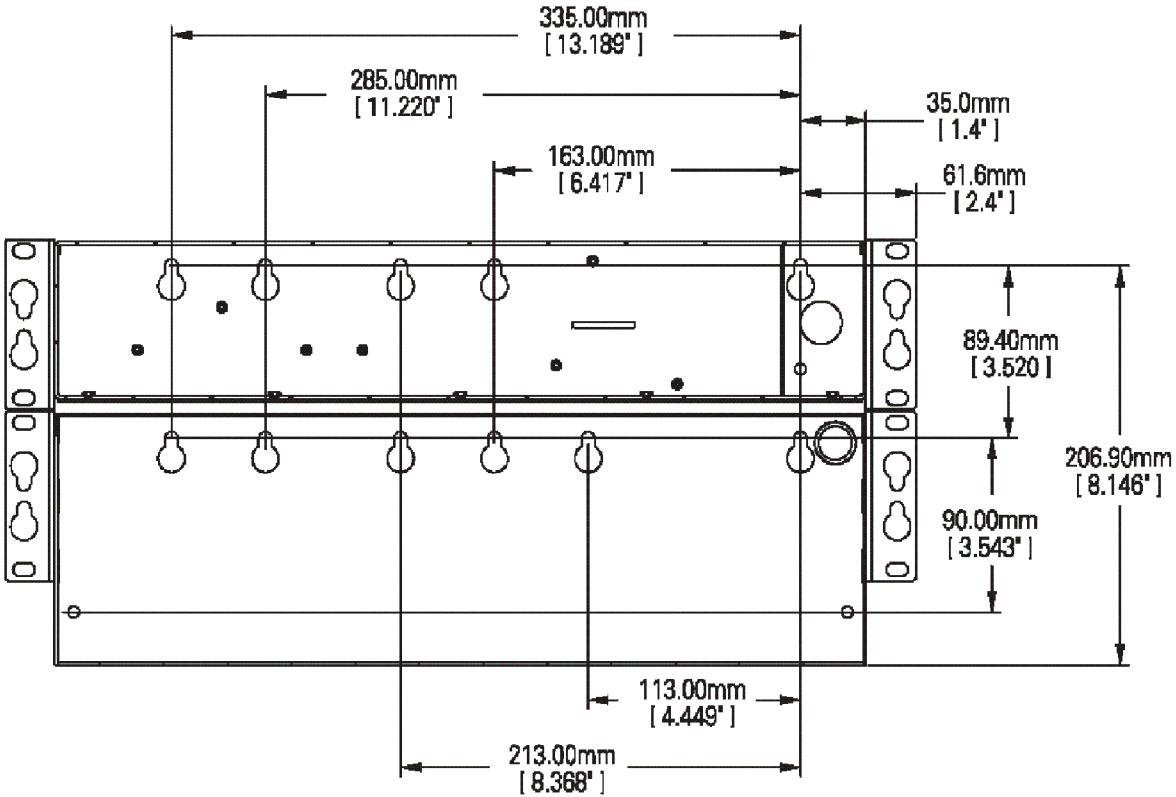
DESCRIPTION OF CHANGE PER ECO NO.
NEW DRAWING RELEASE

ENGINEER Franky Huang	ENG. 04-15-14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		BATTERY BOX
		DRAWING ISSUE DATE
		SECTION 1.2
		DRAWING NUMBER 2102227

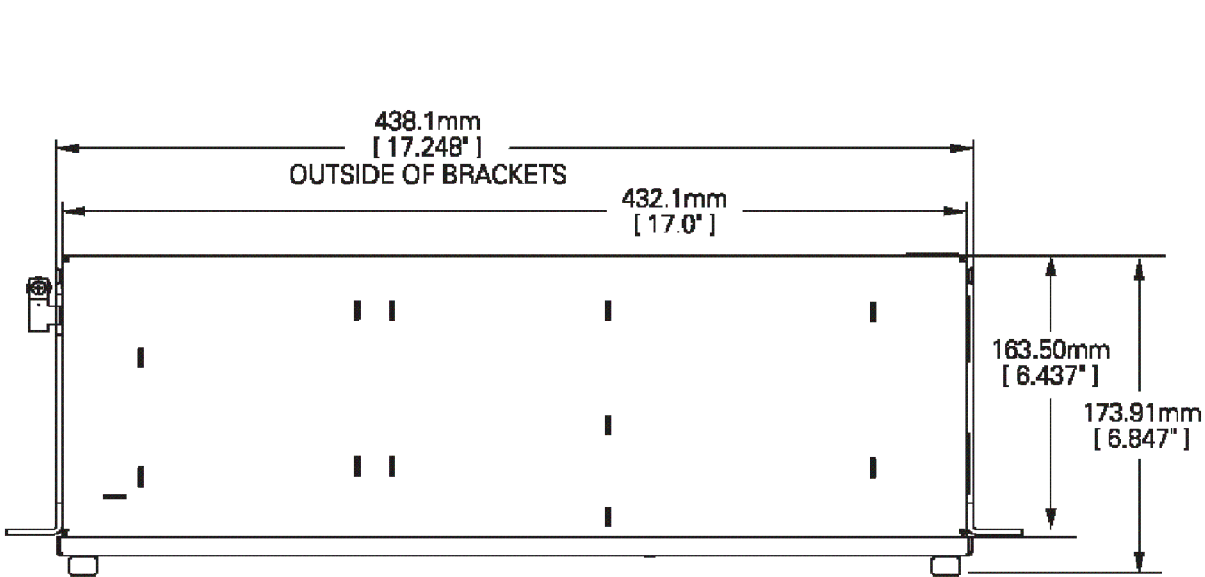
SECTION 1.3 POWER SHELF AND BATTERY BOX DRAWINGS



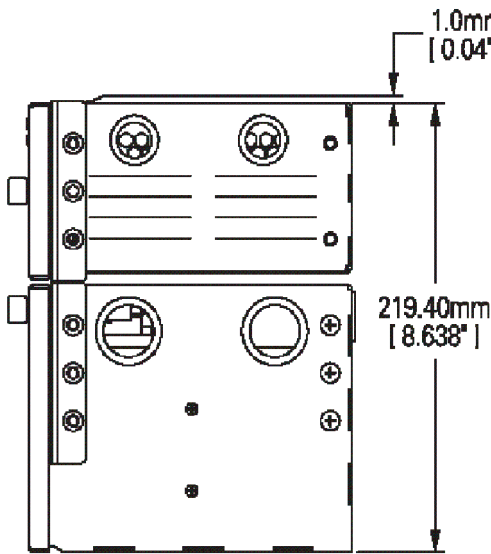
POWER SHELF AND BATTERY BOX WITH COVER FRONT VIEW



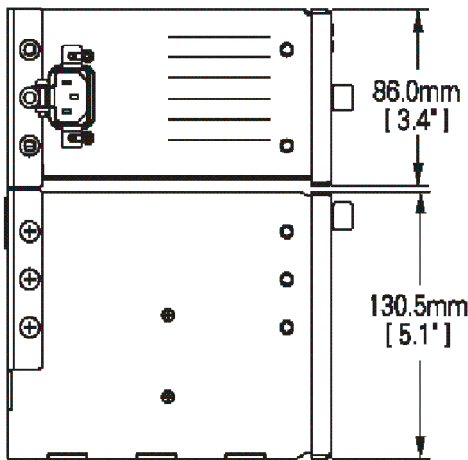
POWER SHELF AND BATTERY BOX WITHOUT COVER FRONT VIEW



POWER SHELF AND BATTERY BOX WITH COVER TOP VIEW



SIDE VIEW



SIDE VIEW

ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

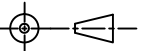
DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04–15–14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	
		CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		POWER SHELF AND BATTERY BOX DRAWINGS
		DRAWING ISSUE DATE
		SECTION 1.3
		DRAWING NUMBER 2102227

SECTION 2 RECTIFIER

TABLE 2 RECTIFIER OPTIONS

PART NUMBER	DESCRIPTION	AC INPUT VOLTAGE (VAC)	MAX. INPUT CURRENT (A)	OUTPUT VOLTAGE (VDC)	OUTPUT POWER @NOMINAL INPUT	OUTPUT POWER (W)/ OUTPUT CURRENT (A)	EFFICIENCY	AGENCY APPROVAL	WIDTH (IN)	DEPTH (IN)	HEIGHT (RU)	APPROXIMATE WEIGHT (LBS)	CLEI/CPR	NOTE
C0350A-VC	C SERIES RECTIFIER 350W 48V, 90-264 VAC INPUT RANGE 90-264VAC INPUT 350W NOMINAL OUTPUT 90% EFFICIENCY FAN COOLING (SIDE TO SIDE) OPERATING TEMPERATURE -40 TO +65°C 4.62 X 5.32 X 2.91 (WDXH) WEIGHT 4 LBS	90-264	4.6	48	350W @220VAC 350W @110VAC	350W/7A	>90%	CB, UL, NEBS, IEC	4.62	5.32	2.91	4	YES	





ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

DESCRIPTION OF CHANGE PER ECO NO. NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04-15-14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		RECTIFIERS
		DRAWING ISSUE DATE
		SECTION 2
		DRAWING NUMBER 2102227

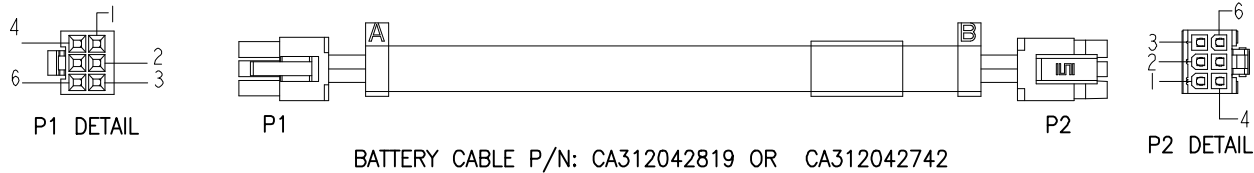
SECTION 3 ACCESSORIES

TABLE 3A AC LINE CORDS OPTIONS

PART NUMBER	DESCRIPTION	WIRE GAUGE	AC CURRENT	NOTE
LI1014–L515P	AC LINE CORD, 10', 14AWG, C13 TO L515P	14	15	
LI1014–N515P	AC LINE CORD, 10', 14AWG, C13 TO N515P	14	15	
LI1512–L515P	AC LINE CORD, 15', 12AWG, C13 TO L515P	12	15	
LI1512–L520P	AC LINE CORD, 15', 12AWG, C13 TO L520P	12	20	
LI1014–UU	AC LINE CORD, 10', 14AWG, C13 TO UN–TERMINATED	14	15	
LI2014–UU	AC LINE CORD, 20', 14AWG, C13 TO UN–TERMINATED	14	15	
HBL5266C	PLUG NEMA NON–LOCKING N5–15P	14	15	
HBL5266CA	PLUG NEMA NON–LOCKING N5–15P ANGLE	14	15	
262669	PLUG NEMA LOCKING L14–20P	14	20	
260676	PLUG NEMA LOCKING L5–15P	14	15	
260801	PLUG NEMA NON–LOCKING N5–15P	14	15	
260802	PLUG NEMA LOCKING L5–20P	14	20	
260806	PLUG NEMA LOCKING L6–20P	14	20	
260809	PLUG NEMA NON–LOCKING N5–20P	14	20	
260812	PLUG NEMA NON–LOCKING N6–15P	14	15	
260813	PLUG NEMA NON–LOCKING N6–20P	14	20	

TABLE 3B BATTERY CABLE AND TEMPERATURE CABLES OPTIONS

PART NUMBER	DESCRIPTION	NOTE
CA312042819	LP BATTERY/SIGNAL INTERCONNECTION, 14", LPS–LPB012 CONNECTION	INCLUDED IN BATTERY BOX (LPB012–100–VC)
CA312042742	LP BATTERY/SIGNAL INTERCONNECTION, 72", LPS–LPB012 CONNECTION	
260798	LP BATTERY CABLE 10FT, WITHOUT ALARM, TEMP SENSE OR LUGS	E1 IS RED (+), E2 IS BLACK (–)
CA312043511	LP BATTERY/SIGNAL INTERCONNECTION, 2' 1/4" RING TERM BATTERY CONNECTION, MOLEX TEMPERATURE PROBE CONNECTION, CIRCUIT BREAKER ALARM CONNECTION, LPS TO LPB040 CONNECTION	
TH000000005	THERMAL PROBE, 1/4" TERMINAL RING	FOR LPB040
TH000000006	THERMAL PROBE, 5/16" TERMINAL RING	FOR LPB040



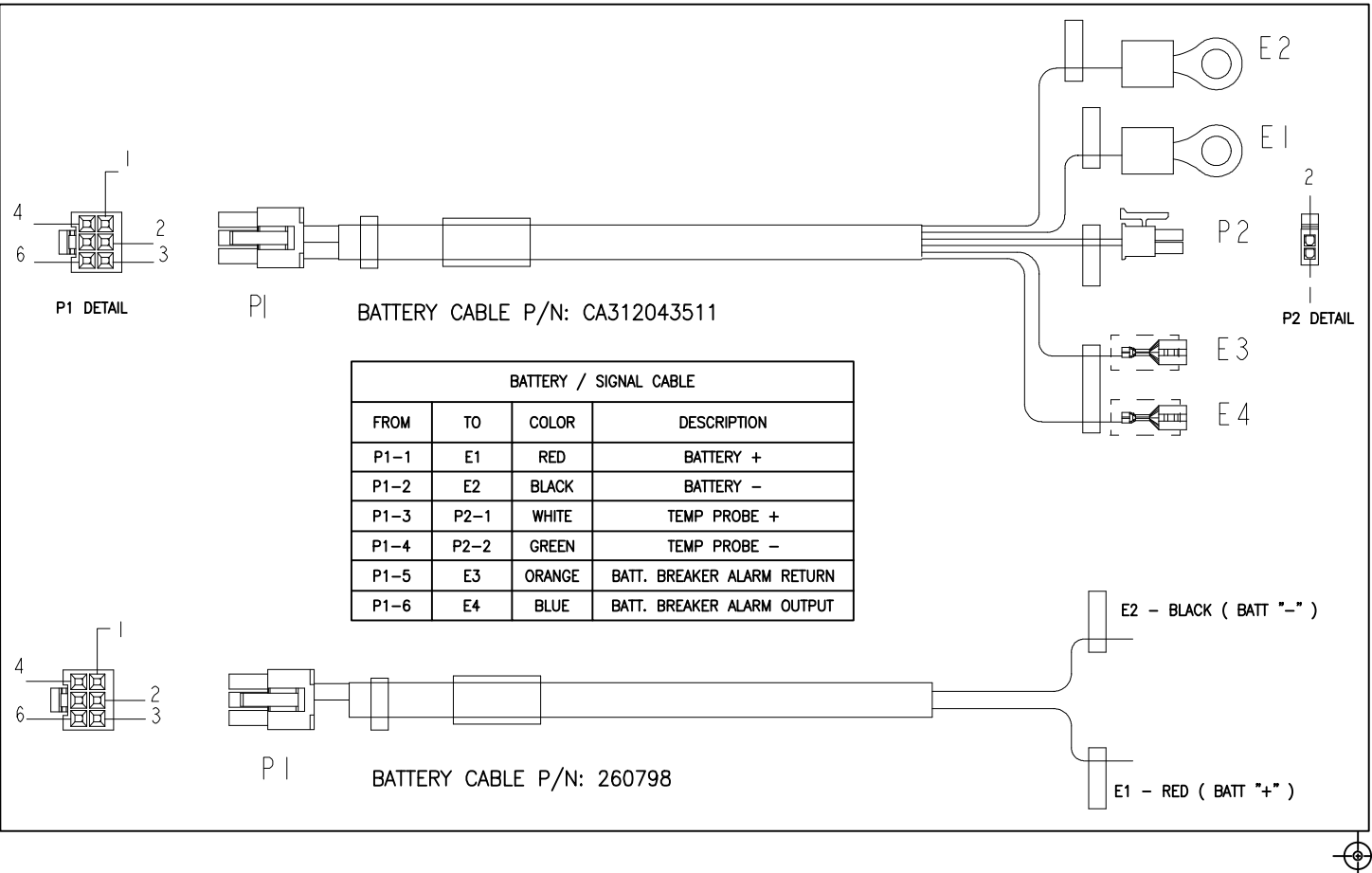
INTER–CONNECTION BATT. CABLE PIN DEFINITION		
FROM	TO	DESCRIPTION
P1–1	P2–1	BATTERY +
P1–2	P2–2	BATTERY –
P1–3	P2–3	TEMP PROBE +
P1–4	P2–4	TEMP PROBE –
P1–5	P2–5	BATT. BREAKER ALARM RETURN
P1–6	P2–6	BATT. BREAKER ALARM OUTPUT

TABLE 3C GMT FUSES OPTIONS

PART NUMBER	DESCRIPTION	SIZE (A)	NOTE
GMT0018	GMT FUSE 60VDC/125VAC 0.18 A	0.18	
1125230625	GMT FUSE 60VDC/125VAC 0.25A	0.25	
233413	GMT FUSE 60VDC/125VAC 0.75A	0.75	
1125230010	GMT FUSE 60VDC/125VAC 1A	1	
1125230013	GMT FUSE 60VDC/125VAC 1.3A	1.3	
GMT0200	GMT FUSE 60VDC/125VAC 2A	2	
GMT0300	GMT FUSE 60VDC/125VAC 3A	3	
1125230050	GMT FUSE 60VDC/125VAC 5A	5	
GMT0700	GMT FUSE 60VDC/125VAC 7A	7	
GMT0750	GMT FUSE 60VDC/125VAC 7.5A	7.5	
GMT1000	GMT FUSE 60VDC/125VAC 10A	10	
236857	GMT FUSE 60VDC/125VAC 12A	12	
1125230115	GMT FUSE 60VDC/125VAC 15A	15	



GMT FUSE

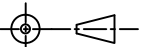


ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04–15–14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		ACCESSORIES
		DRAWING ISSUE DATE
		SECTION 3
		DRAWING NUMBER 2102227

SECTION 4 PRECONFIGURED KIT

TABLE 4 PRECONFIGURED KITS							
PART NUMBER	DESCRIPTION	# OF POWER SHELVES	# OF RECTIFIERS	# OF BATTERY BOXES	# OF BATTERIES	LINE CORD	NOTE
LPK3-W	LP SERIES POWER SYSTEM KIT CONSISTS OF: QTY 1 LPS010-100-VC SYSTEM SHELF QTY 1 LPB012-100-VC BATTERY SHELF QTY 2 C0350A-VC 7A RECTIFIERS QTY 4 251631 12A/H 12V BATTERY QTY 1 LI1014-N515P AC LINE CORD	1	2	1	4	LI1014-N515P	
LPK7-W	LP SERIES POWER SYSTEM KIT CONSISTS OF: QTY 1 LPS010-100-VC SYSTEM SHELF QTY 1 LPB012-100-VC BATTERY SHELF QTY 1 C0350A-VC 7A RECTIFIERS QTY 4 251631 12A/H 12V BATTERY QTY 1 LI1014-N515P AC LINE CORD	1	1	1	4	LI1014-N515P	
LPK11-W	LP SERIES POWER SYSTEM KIT CONSISTS OF: QTY 1 LPS010-100-VC SYSTEM SHELF QTY 2 C0350A-VC 7A RECTIFIERS QTY 1 LI1014-N515P AC LINE CORD	1	2	0	0	LI1014-N515P	
LPK15-W	LP SERIES POWER SYSTEM KIT CONSISTS OF: QTY 1 LPS010-100-VC SYSTEM SHELF QTY 2 LPB012-100-VC BATTERY SHELF QTY 2 C0350A-VC 7A RECTIFIERS QTY 8 251631 12A/H 12V BATTERY QTY 1 LI1014-N515P AC LINE CORD	1	2	2	8	LI1014-N515	
LPK17-W	LP SERIES POWER SYSTEM KIT CONSISTS OF: QTY 1 LPS010-100-VC SYSTEM SHELF QTY 1 LPB012-100-VC BATTERY SHELF QTY 2 C0350A-VC 7A RECTIFIERS QTY 1 LI1014-N515P AC LINE CORD	1	2	1	0	LI1014-N515P	
LPK21-W	LP SERIES POWER SYSTEM KIT CONSISTS OF: QTY 1 LPS010-100-VC SYSTEM SHELF QTY 1 LPB012-100-VC BATTERY SHELF QTY 2 C0350A-VC 7A RECTIFIERS	1	2	1	0	NONE	

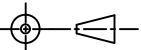


ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04-15-14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	
		CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		PRECONFIGURED KITS
		DRAWING ISSUE DATE
		SECTION 4
		DRAWING NUMBER 2102227

SECTION 5 CUSTOMER REFERENCE DOCUMENTS

TABLE 5 CUSTOMER REFERENCE DOCUMENTS			
NO.	CUSTOMER REFERENCE DOCUMENT DESCRIPTION	DOCUMENT NO.	NOTE
1	FLYER LP SYSTEM	2051767	
2	DATASHEET LP AND C-SERIES RECTIFIER	2051768	
3	MANUAL LP SYSTEM	2051259	
4	ORDERING GUIDE LP SYSTEM	2052560	
5	GENERAL ASSEMBLY DRAWING, LP SYSTEM	2068158	
6	GENERAL ASSEMBLY DRAWING, C-SERIES RECTIFIER	2068112	
7	GENERAL ASSEMBLY DRAWING, BATTERY SHELF	2070065	



ELTEK CONFIDENTIAL & PROPRIETARY – USE PURSUANT TO COMPANY INSTRUCTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONAL TOLERANCES ARE ±.015

DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 04-15-14	
DRAFTER FMH	DRAWN	
APPROVED	IFS	CAD AUTOCAD
		ASSEMBLY DRAWING
		LP POWER SYSTEM PRODUCT GUIDE
		CUSTOMER REFERENCE
		DRAWING ISSUE DATE
		SECTION 5
		DRAWING NUMBER 2102227