

Open Frame 3x5

Product Specifications

ANZ#: Z050C, March 25, 2002

UPE65-XXz, JDM65-XXz Series Low Profile	
Total Power	65Watts
Input Voltages	90-264 VAC
Number of Outputs	One, Two and Three

SPECIAL FEATURES

- Low profile with **28 mm** max. height
- Universal AC input
- Regulated output
- EMI filter built in
- Overload and short circuit protection

ENVIRONMENTAL

Operating temperature:	0 to 50 ° C
Storage temperature:	-20 to 85 ° C
Humidity (Non-Condensing):	5% to 95%
Cooling:	10CFM forced air
Vibration Frequency:	5 to 50 Hz
MTBF:	>100,000 Hours at full load and 25°C ambient conditions

ELECTRICAL SPECIFICATIONS

Input range	90 to 264 VAC, Full range
Frequency	47 to 63 Hz
Inrush current	50.0 Amps maximum at any input range
Input current	1.8Amps maximum at 115/230 input range
Efficiency	70% typical at 120VAC and maximum load
EMI filtering	FCC part 15J class B, CISPR 22 class B
Maximum power	65W
Voltage regulation	±3% @constant voltage mode
Hold up time	Half cycle minimum at 120 VAC and 80% of rated load
Protection	Overload protection Short circuit and overload protection: output short circuit, auto recovery

SAFETY

UL/cUL	UL1950
CSA	CSA
TUV	TUV EN60 950
CE	



ORDERING INFORMATION

Model #	+3.3V	+5.0V	+12.0V	-12.0V	Remarks
UPE65-31	10.0A	10.0A	1.0A		
UPE65-32		10.0A	5.0A	1.0A	
UPE65-31-U	10.0	10.0A	1.0A		
UPE65-32-U		10.0A	5.0A	1.0A	
UPE65-33-U	12.0A	12.0A	1.0A		75W Max.
UPE65-31-C	10.0A	10.0A	1.0A		
UPE65-32-C		10.0A	5.0A	1.0A	
JDM65-3.3V	15.0A				50W Max.
JDM65-3.3V-C	15.0A				
JDM65-21	15.0A	2.0A ⁴			
JDM65-21-C	15.0A	2.0A ⁴			
JDM65-22	15.0A		1.0A ⁴		
JDM65-22-C	15.0A		1.0A ⁴		
JDM65-23		13.0A	1.0A ⁴		
JDM65-23-C		13.0A	1.0A ⁴		
JDM65-24	2.0A ⁴	13.0A			
JDM65-24C	2.0A ⁴	13.0A			
JDM65-25		2.0A ⁴	5.0A		
JDM65-25C		2.0A ⁴	5.0A		
JDM65-26	2.0A ⁴		5.0A		
JDM65-26-C	2.0A ⁴		5.0A		
Regulation	±3%	±3%	±3%	±3%	
Ripple Noise	50mV	50mV	120mV	120mV	

1. Unit can run at ambient temp. of 65 ° C with 10CFM of air flow.
2. For UPN65—33-U, the maximum output power can not exceed 75W.
3. Ripple peak-to-peak with 20MHz bandwidth and a capacitor, 47uF/50V, cross-connected at testing point.
4. The regulation shall be rated at ± 10% respectively.

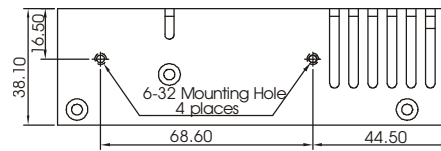
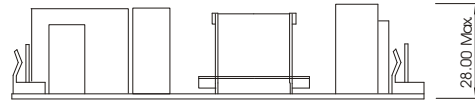
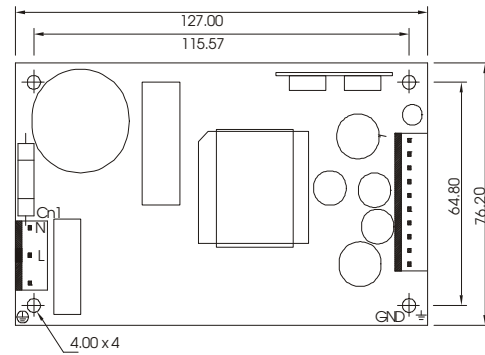
MECHANICAL DRAWINGS

AC Input:
Molex p/n. 09-65-2038 or equivalent

UPE65-xx

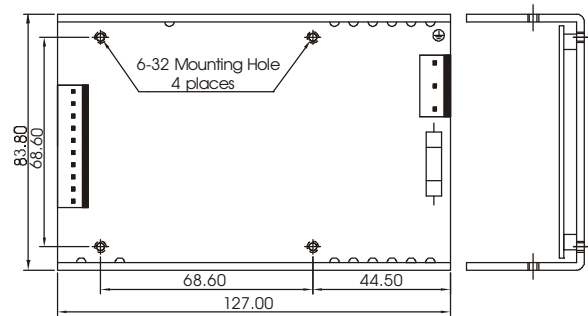
DC Outputs:
Molex p/n. 09-65-2168 or equivalent

JDM65-xx



AC Input:
Molex p/n. 09-65-2038 or equivalent
DC Outputs:
Molex p/n. 09-65-2168 or equivalent

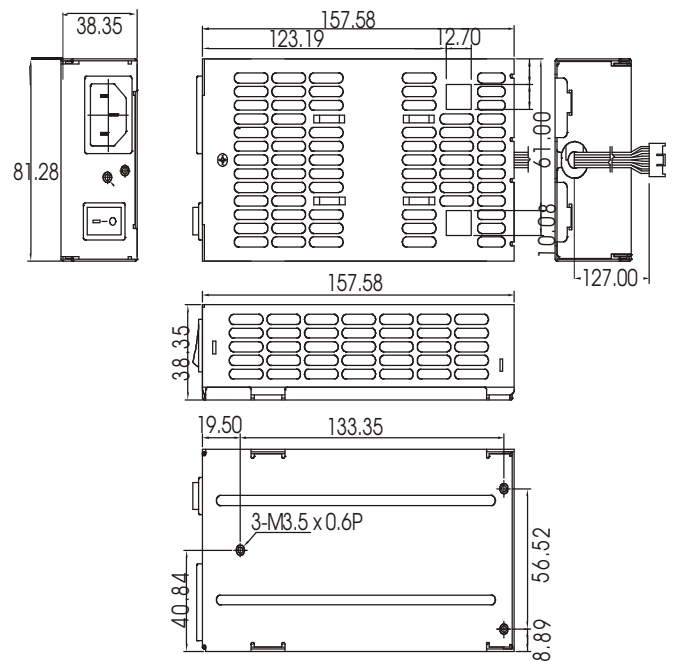
UPE65-xx-U



AC Input:
CEE type power receptacle
DC Outputs:
Molex 90331 or equivalent, 6-pin

UPE65-xx-C

JDM65-xx-C



1. Specification subject to change without notice.
2. All dimensions are in mm.
3. Weight: 0.378 lb/ 0.172 kg