



**samlex**power

**Replacement BRM  
Modules**

**Model:  
SEC-2012MPS**

**Owner's  
Manual**

Please read this  
manual before  
operating your  
unit

# SPECIFICATIONS

<u>PART #</u>	<u>MODEL #</u>	<u>DESCRIPTION:</u>
03091	SEC-2012 MPS	OPEN FRAME SWITCHING POWER SUPPLY
03292	SEC-2012 MPSB	MODULE FOR N+1 POWER SYSTEM. SUIT- ABLE FOR PARALLEL OPERATION WITH CURRENT SHARING.
CONSTRUCTION .....	OPEN FRAME (ONLY PCB, NO FRAME/CASE)	
INPUT VOLTAGE .....	120 VAC 60 Hz	
OUTPUT VOLTAGE .....	13.8 VDC (Part # 03091, SEC-2012 MPS) 14.2 VDC (Part # 03292, SEC2012 MPSB)	
OUTPUT VOLTAGE REGULATION .....	+/- 1%	
<u>OUTPUT CURRENT:</u>		
CONTINUOUS .....	20A	
SURGE .....	23A	
OUTPUT CURRENT LIMIT .....	25A	
OUTPUT RIPPLE .....	LESS THAN 150Mv PEAK TO PEAK	
OUTPUT NOISE .....	LESS THAN 2 V PEAK TO PEAK	
PARALLEL OPERATION WITH CURRENT SHARING .....	YES. THROUGH SHARE BUS	
COOLING .....	THROUGH HEAT SINK MOUNTED ON PCB REQUIRES FORCED AIR (FAN) FOR COOLING OF THIS HEAT SINK	
OPERATING TEMPERATURE .....	0-40° C	
<u>PROTECTIONS:</u>		
SHORT CIRCUIT .....	YES	
INPUT SURGE /TRANSIENT SUPPRESSION .....	YES	
CURRENT LIMIT .....	YES	
FUSE .....	4A ON THE AC SIDE	
DIMENSIONS .....	7.2" X 3.4" X 2.5"	
WEIGHT, LBS .....	1.6	



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