

Distributed Power Bricks 5 volt output and lower

BRICK PACKAGE SIZE		OUTPUT CURRENT							
		<=10A	11-15A	16-20A	21-25A	26-30A	31-40A	41-50A	> 50A
Half Brick	Vi=48V								HHS 60A
Quarter Brick		QD48					QME48T	QM48T 45A & 50A 3.3Vo & Lower	
Eighth Brick		DUAL		SQE48		SQE48 30A/3.3Vo & Lower	SQE48 40A/2.5Vo & Lower	SQE48 50A/1.2Vo	
Sixteenth Brick		SSQE48 7A/5V 10A/3.3V	SSQE48 13A/5Vo 15A/3.3Vo	SSQE48 20A/3.3Vo	SSQE48 25A 2.5Vo & lower	SSQE48 25A/3.3V	SSQE48 35A/1.2V		
Quarter Brick		Vi=24V		Q24 15A 5Vo		Q24 25A 3.3Vo & Lower	Q24 30A 3.3Vo & Lower		
Eighth Brick	SQ24 10A 5Vo		SQ24 15A 3.3Vo & Lower						
Quarter Brick	Vi=18-60V		QMS 14A/5V		QMS 25A/3.3V				
Eighth Brick		EMS 10A/5V	EMS 15A/3.3V						
		<=10A	11-15A	16-20A	21-25A	26-30A	31-40A	41-50A	> 50A
		OUTPUT CURRENT							
Design Stage		Production		Qualification		Roadmap			

Bus Converter Bricks 12 volt output and Fixed Ratio outputs

PACKAGE		OUTPUT CURRENT							
		<=10A	11-15A	16-20A	21-25A	26-30A	31-40A	41-50A	> 50A
Half Brick	WIDE INPUT, FULLY REGULATED 12Vo				HBC48 25A		HKS 32A		
Quarter Brick		QBC 11A QMS 14A	QME 20A			QME 33A			
Eighth Brick		SQ 4A							
Sixteenth Brick		SQE 10A		SQE 20A					
		SSQE 6.5A							
Quarter Brick	FIXED RATIO				QTS 25A 4:1		QTS 38A 5:1	QTS 46A 5:1	QTS 67A 5:1
Eighth Brick			SQT 20A 4:1		SQT 27A 5:1	SQT 38A 5:1			
Sixteenth Brick									
		<=10A	11-15A	16-20A	21-25A	26-30A	31-40A	41-50A	> 50A
		OUTPUT CURRENT							
Design Stage		Production		Qualification		Roadmap			

Analog Point of Load (POL's)

SIZE AND PACKAGE		OUTPUT CURRENT								
		3A	6A	10A	16A	20A	25-30A	40A	50A	60A
2.58"x0.63"x1.25"	THROUGH HOLE									YV09T60
1.45"x0.40"x1.10"								YH09T40	YV09T50	
2.00"x0.34"x1.25"							YV12T25			
1.45"x0.48"x0.61"						YEV09T20				
2.00"x0.28"x0.54"				YNV 5Vin & 12Vin	YNV 5Vin & 12Vin					
0.90"x0.21"x0.40"										
0.41"x0.30"x0.65"			YEV09T03	YEV09T06	YEV09T10					
1.30"x0.53"x0.31"		SMT			YS 5Vin & 12Vin	YS 5Vin & 12Vin	YNC 5Vin & 12Vin			
0.80"x0.45"x0.25"			YM 5Vin & 12Vin							
1.00"x0.50"x0.48"							YPB09S30			
		3A	6A	10A	16A	20A	25-30A	40A	50A	60A
		OUTPUT CURRENT								
Design Stage		Production		Qualification		Roadmap				

Digital Point of Loads (POL's)

Pkg. Size		5A	7A	10A	15A	20A	40A	60A	90A
TBD	Through Hole								ZY8190 ZY2190
2.40"x0.55"x1.10"								ZY8160 ZY2160	
1.80"x0.55"x1.10"								ZY8140 ZY2140	
1.60"x0.40"x0.84"							ZY8120 ZY2120		
1.20"x0.26"x0.84"			ZY8105 ZY2105		ZY8110 ZY2110				
1.25"x0.31"x0.55"	SMT				ZY7115 ZY115	ZY7120 ZY1120			
1.25"x0.63"x0.35"				ZY7010	ZY7015 ZY1015				
0.87"x0.50"x0.26"			ZY7007 ZY1207						
TBD Low Profile (under 0.5" height) for Telcom Apps.			ZY7007 Gen2	ZY7010 Gen2	ZY7015 Gen2	ZY7120 Gen2			
Pkg. Size		5A	7A	10A	15A	20A	40A	60A	90A
		Output Current							
Design Stage		Production		Qualification		Roadmap			

Data Sheet Retrieval:

To get a .pdf copy of the data sheet you require, go to Power-One.com on the main page (bottom center) there is a section called "frequently used tools" simply type in the series name (example of family names SQE, SSQE, QTS, YM, ZY) and the web tool will retrieve the data sheets, RoHS certifications and Agency approvals.

If you have questions feel free to contact your local Field Sales Manager, Field Applications Engineer or Product Marketing.

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