

| EVOLUTION - THREE PHASE 120W - 960W



- ▶ Nominal input voltage range from 360-572V AC
- ▶ DC Voltage input 480-745V
- ▶ Power Boost: 50% more power for 4 sec.
- ▶ Extended temperature range from -25- +70°C (-13 - 158°F)
- ▶ Compact design, efficient cooling
- ▶ Adjustable output power rated for 22-28V DC
- ▶ Parallel and Series connections possible
- ▶ Two/Three Phase Operation
- ▶ 5, 10, 20 & 40A Models

Two/Three Phase Primary Switch Mode	Evolution Current 5A/120W	Evolution Current 10A/240W	Evolution Current 20A/240W	Evolution Current 20A/480W	Evolution Current 40A/960W					
Ordering Data	Art. No.	Art. No.		Art. No.	Art. No.					
12.5V DC			85016							
24V DC	85000	85001		85002	85004					
Input										
Nominal Voltage	3 x 324-572V AC, 480-745V DC									
Input Current	3 x 0.3A	3 x 0.8A	3 x 1.3A	3 x 2.4A						
Inrush Current After 1ms	≤10A	≤15A	≤19A	-						
Primary Fusing	max. 3 x 10A									
Output										
Output Voltage	24V DC (SELV) ± 1%, 22-28V adjustable		12.5V DC (SELV) ± 1%, 11.5-13.5V adjustable	24V DC (SELV) ± 1%, 22-28V adjustable						
Nominal Output Current	5A (+55°C); 3A (+70°C)	10A (+55°C); 6.5A (+70°C)	20A (+55°C); 15.8A (+70°C)	40A (+55°C); 30A (+70°C)						
Power Boost	7.5A (≥ 4sec.)	15A (≥ 4sec.)	30A (≥ 4sec.)	60A (≥ 4sec.)						
Efficiency	86%	90%	91%							
Protection	Short Circuit and Overload Protected (Current Limiter)									
Parallel Usage/Serial Usage	max. 5 units/max. 2 units									
General Data										
Standards	EN 60950-1, EN 61204-3, EN 55022 B, EN 61000-3-2		EN 60950-1, EN 61204-3, EN 55011 A							
Temperature Range	-25 - +60°C (Storage Temp. -40 - +85°C)		-25 - +70°C (Storage Temp. -40 - +85°C)							
Mounting Method	DIN rail mounting TH35 (EN 60715)									
Dimensions (H x W x D)	132 x 83 x 98mm	132 x 93 x 114mm	132 x 93 x 114mm	132 x 113 x 136mm	132 x 164 x 142mm					

**3-PHASE POWER SUPPLIES
CIRCUIT MONITORING
REDUNDANCY & BUFFERING**