

		TC120 Series		TC230 Series		TC240 Series		TC280	TC2000
POWER UP	PART NUMBER	6430120-1	6430120-2	6430234-1	6430234-2	6430240-1	6430240-2	6430280-1	6432001-1
	INPUT VOLTAGE	22 – 32 VDC	22 – 32 VDC	10 – 18 VDC	10 – 18 VDC	22 – 32 VDC	22 – 32 VDC	115 ± 10 VAC, 350 – 800 Hz	100 – 250 VAC, 47 – 800 Hz
	INPUT CURRENT	5.0A (nominal)	5.0A (nominal)	18.0A (nominal)	18.0A (nominal)	10.0A (nominal)	10.0A (nominal)	2.8A (nominal)	21.0A (nominal)
	OUTPUT VOLTAGE	5 – 18 VDC adjustable	5 – 18 VDC adjustable	28 VDC	28 VDC	5 – 18 VDC adjustable	5 – 18 VDC adjustable	28 VDC ± 0.5 VDC	28 VDC ± 0.4 VDC
	OUTPUT POWER	120 Watts	120 Watts	230 Watts	230 Watts	240 Watts	240 Watts	280 Watts	2000 Watts
	WEIGHT	0.65 lbs (0.29 kg)	0.65 lbs (0.29 kg)	0.70 lbs (0.32 kg)	0.70 lbs (0.32 kg)	0.70 lbs (0.32 kg)	0.70 lbs (0.32 kg)	2.0 lbs (0.91 kg)	9.9 lbs (4.5 kg)
	DIMENSIONS	1.29" H x 3.75" L x 2.75" W	1.29" H x 3.75" L x 2.75" W	1.29" H x 3.75" L x 2.75" W	1.29" H x 3.75" L x 2.75" W	1.29" H x 3.75" L x 2.75" W	1.29" H x 3.75" L x 2.75" W	2.02" H x 5.94" L x 6.74" W	3.46" H x 14" L x 6.32" W
	EFFICIENCY	95%	95%	90% (nominal)	90% (nominal)	95%	95%	>88%	88 – 90%
	REMOTE CONTROL	None	Remote On/Off	None	Remote On/Off	None	Remote On/Off	Remote On/Off	Remote On/Off
	PROTECTION	Input transient, overload and short circuit, temperature monitoring, reverse polarity	Input transient, overload and short circuit, temperature monitoring, reverse polarity	Input transient, overload and short circuit, temperature monitoring, reverse polarity	Input transient, overload and short circuit, temperature monitoring, reverse polarity	Input transient, overload and short circuit, temperature monitoring, reverse polarity	Input transient, overload and short circuit, temperature monitoring, reverse polarity	Input transient, overload and short circuit, temperature monitoring	Input transient, overload (up to 110% of rated load without damage) and short circuit, temperature monitoring
	ALTITUDE	55,000 ft	55,000 ft	55,000 ft	55,000 ft	55,000 ft	55,000 ft	55,000 ft	35,000 ft
	TEMPERATURE	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)	–67°F to +158°F (-55°C to +70°C)
	COOLING	None required	None required	None required	None required	None required	None required	None required	Dual, electronically-controlled brushless fan
	CONNECTOR	MS3102A-14S-5P	MS3102A-14S-5P	MS3102A-16-10P	MS3102A-16-9P	MS3102A-16-10P	MS3102A-16-9P	MS3102A-18-9P	MS3102A-32-10P
	MATING CONNECTOR KIT	MCI P/N 9018651	MCI P/N 9018651	MCI P/N 9018654	MCI P/N 9018655	MCI P/N 9018654	MCI P/N 9018655	MCI P/N 9016905	MCI P/N 9018993-1
	MOUNTING	Base mount, flexible orientation	Base mount, flexible orientation	Base mount, flexible orientation	Base mount, flexible orientation	Base mount, flexible orientation	Base mount, flexible orientation	Base mount, flexible orientation	Base mount, flexible orientation
	CASE	Anodized aluminum, blue	Anodized aluminum, blue	Anodized aluminum, blue	Anodized aluminum, blue	Anodized aluminum, blue	Anodized aluminum, blue	Anodized aluminum Extrusion, blue	Anodized aluminum Extrusion, blue
	CERTIFICATION	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified	FAA TSO-C71 certified RTCA DO-160G qualified
	WARRANTY	Two-year limited	Two-year limited	Two-year limited	Two-year limited	Two-year limited	Two-year limited	Two-year limited	Two-year limited