



HXT-QF-500W-100-00

500W Power Management Unit / Integrated Starter Controls

Typical Applications:

- Remote Power Generation
- Power Regulation from Alternative sources, ex. wind or solar
- Unmanned Air Vehicles (UAV' s) and Unmanned Ground

Featuring:

- 3 Phase AC primary input, 25 - 95 VACrms
- Operates up to 93% efficiency at peak power.
- Integrated start control: compatible with inductive and non inductive drive, with good start performance

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Specifications



Output:	Conditions	Min	Max
Main Output:	15A/500W Max	24 VDC*	32VDC*
Secondary Output:	15A/180W Max	6VDC	14VDC
Maximum Total Power:			680Watts
Peak Efficiency:			93%
Self Protection:	Overvoltage, Undervoltage, Overcurrent, Reverse EMF		
Maximum Overload Current:	Up to 10S duration		125%
Output Ripple, Maximum:	p-p All Outputs		500mV
Voltage Regulation:	All outputs		+/- 300mV
Status Signal:	Can bus communication		

*Factory Adjustable

Input:	Conditions	Min	Max
Alternator Input Voltage:	3Ø 0 - 1 KHz	25 VAC	95 VAC
Backup Battery:	LiPO, Lilon, LifePO4, NiCad, NiMH, SLA, Lead Acid*	24 VDC	32 VDC
Battery Switch Time:	No interruption of Output		250 nS
Mechanical:	Conditions		
Enclosure Material:	Black Anodized Aluminum		
Dimensions:	131 mm x 85 mm x80 mm (二路输出) 116mm X 82mm X 74.5mm (一路输出)		
Weight:	780g (二路输出) /650g(一路输出)		
Cooling:	Forced air		
Operating Temperature:	-20C to 55C Ambient		
Storage Temperature:	-40℃ to 85℃		

