



# HXT-QF-6000W-00

6000W 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:	215A/6000W Max	24 VDC*	32VDC*
Secondary Output:			
Maximum Total Power:			6000Watts
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		

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
<b>Mechanical:</b>	<b>Conditions</b>		
Enclosure Material:	Black Anodized Aluminum		
Dimensions:	290 mm x169mm x112 mm		
Weight:	3850g		
Cooling:	Forced air		
Operating Temperature:	-20C to 55C Ambient		
Storage Temperature:	-40°C to 85°C		

\*Factory Adjustable

# HXT-QF-6000W-100-00

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