



# OMNIPOWER

THE POWER OF CHOICE



## HT-S Series - Pure Sine Wave Inverter

### FEATURES:

- Pure sine wave output (<2% THD).
- Input & Output fully isolation design.
- High efficiency 87%~90%.
- Internal and external heat sinks.
- Multi-stage thermal control fan.
- Frequency 50/60Hz selective switch.

HT-S-600



**electrahertz**  
electrical suppliers

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	HT-S-300	HT-S-600	HT-S-1200	HT-S-1800	HT-S-2500	HT-S-3000
<b>OUTPUT</b>						
AC Voltage	100 / 120 / 230V					
Continuous Power	300W	600W	1200W	1800W	2500W	3000W
Surge Power	600W	1200W	2400W	3600W	5000W	6000W
Wave Form	Pure sine wave					
Frequency	50 / 60 Hz ±3%					
AC Regulation	±8% (100: ±10%)					
Receptacles	2pcs for type 2; 1pc for type 3, 4, 5, 6					
Display	LCD					
<b>INPUT</b>						
DC Current	30A (12V)	60A (12V)	120A (12V)	180A (12V)	240A (12V)	300A (12V)
	15A (24V)	30A (24V)	60A (24V)	90A (24V)	120A (24V)	150A (24V)
	7.5A (48V)	15A (48V)	30A (48V)	45A (48V)	60A (48V)	75A (48V)
No Load Current Draw	0.6A (12V)	0.9A (12V)	1.1A (12V)	1.0A (12V)	1.0A (12V)	1.0A (12V)
	0.3A (24V)	0.5A (24V)	0.6A (24V)	0.5A (24V)	0.5A (24V)	0.5A (24V)
	0.2A (48V)	0.3A (48V)	0.3A (48V)	0.25A (48V)	0.25A (48V)	0.25A (48V)
DC Voltage	12V / 24V / 48V					
Voltage Range	9.5-16VDC (12V)					10-16VDC (12V)
	19-32VDC (24V)					20-32VDC (24V)
	38-61V (48V)					40-61V (48V)
Efficiency (typ.)	> 85%					
DC Connector	Cable X 1PC					
Fuse	1pc		6pcs	9pcs	12pcs	15pcs
<b>PROTECTION</b>						
Bat. Low Alarm	10±0.5v (12v)					10.5±0.5v(12v)
	20±1v(24v)					21±1v(24v)
	40±2v(48v)					42±2v(48v)
Bat. Low Shutdown	9.5±0.5v(12v)					10±0.5v(12v)
	19±1v(24v)					20±1v(24v)/
	38±2v(48v)					40±2v(48v)
Over Voltage	16±0.5v(12v)/32±1v(24v)/61±2v(48v)					
Over Temperature	55±°C					
Short Circuit Protection	Shut off					
Battery Polarity	Fuse burn out					
Overload	Restart 1 time, shut down if failed					
<b>ENVIRONMENT</b>						
Working Temp.	-15°C ~ +45°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
Temp. Coefficient	±0.05% °C (0 ~ 55°C)					
<b>SAFETY &amp; EMC</b>						
EMI Conduction & Radiation	Compliance to EN55022					
EMS Immunity	Compliance to EN55024, EN/IEC 61000-4-2, EN/IEC 61000-4-3, EN/IEC 61000-4-8					
LVD	Compliance to EN60950-1					
<b>GENERAL</b>						
Dimension mm (L x W x H)	260 x 129 x 82.5	285 x 179 x 82.5	435 x 179 x 82.5	570 x 274 x 105	570 x 274 x 105	570 x 274 x 105
Net. Weight	2.0kg	2.8kg	4.4kg	8.3kg	9.8kg	9.8kg
Gross Weight (with cable)	2.2kg	3.0kg	5.0kg	9.0kg	10.8kg	10.8kg