

## Model: HT-100 Series

### 100W Single Output DC-DC Switching Power Supply

- ✓ Low Cost, High Reliability
- ✓ Low Power Consumption
- ✓ Built-In EMI Filter
- ✓ 2:1 Wide Input Range
- ✓ 1500VDC I/O Isolation
- ✓ Protections: Over Load/ Over Voltage/ Short Circuit
- ✓ 1 Year Warranty



DC Adjustment Range.....5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V

Line Regulation.....≤0.5%

Output Over Load Protection.....105%-135% Fold Back Current Limiting, Auto-Recovery

Output Over Voltage Protection...115%~165% Rated Output Voltage

Output Short Circuit Protection...Fold Back Current Limiting, Auto-Recovery

Hi-pot Isolation.....I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min

Isolation Resistance.....100MΩ (min.) at 500VDC

Operating Temperature Range.....0 to 50°C@100%, -10%@80%, 60°C@60% load

Storage Temperature Range.....-40°C to +85°C, 0 to 95%RH (Non Condensing)

Safety Standards.....Design Refer To UL60950

EMC Standards.....Design Refer To FCC Part 15 J

Cooling Method.....Free Air Cooling Convection

Weight.....0.65Kg/pc

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-100-24-5	18~36V	5V, 0~20A	1%	75mV	75%
HT-100-24-12	18~36V	12V, 0~8.5A	0.5%	100mV	76%
HT-100-24-24	18~36V	24V, 0~4.2A	0.5%	120mV	79%
HT-100-48-5	36~72V	5V, 0~20A	1%	75mV	76%
HT-100-48-12	36~72V	12V, 0~8.5A	0.5%	100mV	78%
HT-100-48-24	36~72V	24V, 0~4.2A	0.5%	120mV	82%
HT-100-110-5	72~144V	5V, 0~20A	1%	75mV	77%
HT-100-110-12	72~144V	12V, 0~8.5A	0.5%	100mV	81%
HT-100-110-24	72~144V	24V, 0~4.2A	0.5%	120mV	84%