

Wide input range

N+1 redundancy (Load/Current balance)

Active PFC

RS485 control interface

Hot-swap

Meet IEC60950-1, UL60950 -1, EN60950-1



RoHS

CE

In/Out Characteristic

Input Voltage Range

90 ~ 280 VAC (45-65Hz)

Inrush Current: <18.5A

Power factor: >0.99

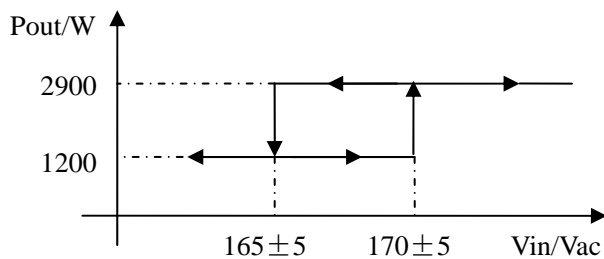
Output Voltage: 53.5VDC (can be set in 42~58 VDC)

Output Power:

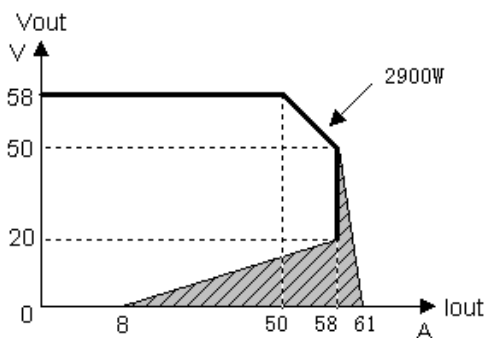
90-175VAC in - 1200W

176-290VAC in - 2900W

Vin and Power-out relation:



Vout and Iout relation:



Output Characteristic

Typical Efficiency:

220VAC in>94%; 110VAC in>86%

Ripple p-p:

200mV

Load Regulation:

0.4%

Current sharing imbalance :

±5%

Dynamic response:

±5.0/500us%

Short-circuit Protection:

110-130% of rated output

Start Time Delay:

3-8 S

Temperature co-efficiency

±0.02%/°C

Other info

Operating temperature: -33°C ~ +65°C

Cooling: Fan cool

Insulation:

Input-Output Input-Case Output-Case: 10M Ohm @500V

Non-load power consumption: <6W

Noise: ≤ 55dB (full load)

ESD: Level3 Direct ±6KV; Air ±8KV

Surge: Differential 2KV; Common 4KV

Storage Temperature:

Industrial -40°C ~ +85°C

Storage Humidity:

10-95%

Isolation Voltage:

Input - Output 3000 VDC ≤10mA/1min *

Input - Case 1500VDC ≤10mA/1min

Output - Case 500VDC ≤10mA/1min

MTBF:

150000Hrs

Dimensions:

