

## AC TO DC POWER SUPPLIE

### SPECIFICATION

#### MODEL

Modular Swappable Design

PS6KW22010A

Individual Unit of 110V 10A output.

#### INPUT

I/P  
 Range  
 Fuse Protection.  
 I/P MOV  
 Soft Start  
 Inrush current

230V AC, 1-Ph, 40-60Hz  
 180-270V AC

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#### OUTPUT

Nominal Voltage  
 Voltage Range  
 Current  
 Line Regulation  
 Load Regulation  
 Ripple  
 Noise  
 Protections

220V DC

V

10A

+/- 0.5%

+/- 1%

+/- 1% (P-P)

+/- 1%

a) Overload Protection auto recovery type.  
 b) Short circuit protection auto recovery type.  
 c) OVP Protection Latching type.  
 d) Over temperature auto recovery type.

Current Limit.

#### ENVIRONMENTAL

Operating temperature upto 50<sup>0</sup> C.  
 Humidity  
 IP 21

< 95% Rh

#### GENERAL

Built in Power Factor Correction- 0.99  
 Isolation

Input to Output – 1.5KV

Input to Earth – 1.5KV

Output to Earth- 500V

50K Hrs to MIL

MTBF

Potential Free Contact for each module – Alarm contact

#### INDICATIONS LED OF EACH MODULE(110V10A)

- a) Input OK – Green LED
- b) Output OK-Green LED
- c) Input Under or Over Voltage(U/O)-Red LED
- d) Output Over Voltage(OVP)-Red LED
- e) Output Over Load(O/L)-Red LED
- f) Output Over Temp(O/T)-Red LED
- g) Output Short (S/B)-Red LED

Indications on outer panel

- (1) DC output ok
- (2) AC input ok
- (3) Fault
- (4) Voltmeter
- (5) Ammeter

**MECHANICAL**

Dimension

600W X 550D X 670H mm

Cooling type

Fan cooled – exhaust ??

Weight

37 Kgs

**OPTIONAL**

Redundancy by external diode.

Programmable by external signal – voltage & current

Remote ON/OFF