

Technical Specifications

Input	
Input voltage range	180~260 Vac, 50,60HZ (24~110 Vdc) for photo voltaic application(optional)
Power factor	99% at full load
No load input power	20 watt
Output	
Voltage range	0~80 Vdc
Current range	0~25 Amp
Output power	2000 Watt
Voltage ripple	< 300 mVp-p
Efficiency	Up to 88% at full load
Load de-rating	3% per 1°C above +55°C
Adjustment Parameters	
Constant voltage	0~80 Vdc
Constant current	0~25 Amp
Constant GND potential	-650 mv to -3000 mv
Timer/current	Up to 3000 sec at Constant current(for leakage test)
Protections	
Continuous Short circuit protection	Yes
Over/Under voltage protection	Yes
Over load protection	Yes
Auto reset after fault clearance	Yes
Surge/lightening protection	Yes
Inrush current limiting	Yes
Over temperature	Yes
Alarms	
Output Short circuit	Yes
Over/Under voltage	Yes
Over load	Yes
Over temperature	Yes
Input voltage missing	Yes
Low battery	Yes
General Specifications	
Net weight	30 KG
Operating ambient temperature	-20~55°C
Storage temperature	-30~85°C
Dimension(H*W*D)	(200*400*600) mm
Relative humidity	0-95%
Enclosure class	IP65
Cooling	Natural conduction cooled/fan forced in high temperature condition, with isolated circulating channel
Manufacturing Standards & Certifications	
NACE-RP0169-2002	
NACE-RP0186-2001	
NACE-RP0285-2002	
patents	
Applications approval from Iran's Isfahan and Northern Khorasan Gas Company	
Applications certification from laboratory of sharif university of technology	
Communications	
Hand held controller (with 4*20 LCD and keyboard)	
Remote controller & monitoring(RS232/RS485)- PC Software configuration interface (windows compatible)	
Accessories	
Handheld controller	
Back up battery	
Operating manual handbook	
PC Software configuration interface (windows compatible)	

TECHNICAL SUPPORT

- 1 year guarantee
- 10 years after sale services
- Consulting services
- Installation & commissioning services
- Utilization & Maintenance services

For more information on any of our products or services please Contact us

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