

HPS-2

Technical Specification



SERIES (V-A)	24-10	24-25	48-6	48-16	48-25	48-50	110-30	220-15
INPUT								
Voltage	230V +10%-15% (110V)							
Current	1.9A	4.8A	2.8A	6.5A	10A	20A	25A	
Frequency	47Hz ÷ 63Hz							
PF @ Full Load	0.73	0.73	0.73	0.75	0.75	0.75	0.75	
Inrush Current	According to recommended ETSI							
OUTPUT								
Nominal Voltage	24V		48V			110V	220V	
Voltage	26-28V		51-55V			100-130V	200-230V	
Stability	1%							
Nominal Current	10A	25A	6A	16A	25A	50A	30A	15A
Current Limit	Current limit down to 10V							
Dynamic Regulation	<2V step load <0.5V step load		<4 volts for 50% to 100% step load <1 volt for up to 50% step load			<8V step load <2V step load	<16V step load <4V step load	
Ripple - PTP	Less than 1V		Without batteries less than 0.7V			<2V (<0.7VRMS)	<4V (<1.5VRMS)	
Ripple - Psophometric	Without batteries less than 2mV						N/A	
Isolation Traffo	3000V							
Efficiency	86%	86%	88%	89%	89%	90%		
GENERAL								
Protection	Short circuit, reverse polarity of external battery (option)							
Low Voltage Alarm	<24V		Selectively indicates when voltage <48V			<100V	<200V	
	Free contact relay change over and LED lights							
High Voltage Protection	29V		when 57V voltage within 2-3 sec. shuts off unit			135V	235V	
Operating Temp	0< ÷ 45<C							
Audible Noise	50dB					55dB		
Cooling	Natural cooling							
Humidity	Up to 90% @ 40<C							
Meters	Voltmeter and Ammeter							
MTBF	200,000h							
MTTR	20 min							
Safety	According to IEC 950/EN60950							
RFI	According to CISPR-22(A)							
DIMENSIONS (cm)								
Depth	23	30	23	30	40	40	50	50
Width	28	44	28	44	44	44	54	54
Height	18	19	18	19	19	22.5	22.5	22.5
Weight (Kg)	10	18	10	25	32	54	60	60

Options: 19" panel; Natural Current Sharing; Boost Voltage Charge;

Available other output voltages and currents.

* All specifications are subject to change without prior notice



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