



Asian Electron Co., Ltd.

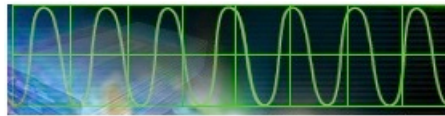
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Hand Carry AC Power

YK-PHPD7012-42ALP

YK-PHPD70E12-42ALP

Widely used for Medical equipment

Industrial control, Military

Electrical Performance

Specification	Model	
Item	YK-PHPD7012-42ALP	YK-PHPD70E12-42ALP
Continuous Output Power	700W	
Surge Rating	780W (3Min.)	
Peak	1400W	
USB output	4pcs, 3A/pcs	
Input Voltage	12V	
Input Voltage Range	10-16VDC	
DC Input Over Voltage Alarm	15.5VDC	
DC Input Over Voltage Shut-down	16.0VDC	
DC Input Under Voltage Alarm	10.5VDC	
DC Input Under Voltage Shut-down	10.0VDC	
Output Voltage	100/110/115/120V (Switch Selectable)RMS±3%	200/220/230/240V (Switch Selectable)RMS±3%
Frequency	50/60Hz ± 0.05% (Switch Selectable)	
Peak Output Current	13A	6A
Efficiency (full load)	88%	92%
Output Waveform	R Load Pure Sine Wave < 3% THD	
P.F.	1.0	
Display Indicator	On Line, ByPass, OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz	
Safety	Application	
EMC	FCC Class B	Application
AC Input	110VAC	220VAC
AC Frequency	50Hz/60 Hz ± 3%	
Bypass	4~6ms	
Operating Temp Range	-20°C to 50°C	
Storage Temp Range	-30°C to 70°C	
Cooling	Loading controlled cooling fan	
Recharge time	6.5 Hours to 90 %	
Battery type	Lithium Polymer Rechargeable battery	
Battery Capacity	14.8V/42Ah x1pcs	
Life cycle	Over 500 times	
Battery charger	12V / 27A	
Optional	Hand Generator	
Protection	Charger	OVP, UVP, OCP, OTP, OLP, Short-circuit
	Inverter	OVP, UVP, OTP, OLP, Short-circuit
	Battery	Over-charger, Over-discharge, Over-tem., Under-tem., Over-current, Short-circuit
	Housing	Aluminum
Turn on	Green , Red , Yellow LED light up normal operation for charging	
Charging	Yellow LED keep flashing , fan start up	
Dimensions	162(L) * 280(W) * 160(H) mm	
Weight	7kgs	

Remark: The specifications are subject to change without notice