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IC Series

Inverter with built in Battery Charger

Specification:

Model No. Spec.	YK-IC1250/E YK-IC2450/E 500W	YK-IC12100/E YK-IC24100/E 1000W	YK-IC12150/E YK-IC24150/E 1500W
Output wave form	Modified Sine Wave		
AC input voltage	115VAC or 230VAC $\pm 18\%$		
Frequency	60Hz or 50Hz $\pm 5\%$		
Battery	Lead Acid Battery (12V/24V)		
DC input voltage	12V: 10-15V,		24V: 20-30V
Low battery alarm	12V: 10.5V,		24V: 21.5V
High/Low battery shut down	12V: H \rightarrow 15V L \rightarrow 10V,		24V: H \rightarrow 30V L \rightarrow 21.5V
AC output voltage	110V, 115V, 120V, 230V, 240V $\pm 5\%$		
Frequency	60Hz or 50Hz		
Efficiency	85% ---- 90%		
Surge Capability	150%		
Transfer Time	6 -----10ms		
Charging Current	12V/12A, 24V/6A		
Protection	OTP, OLP, AC output short circuit protection		
Battery capacity indicator	No	Yes	Yes
Over Load indicator	Yes	Yes	Yes
AC output short circuit protect indicator	Yes	Yes	Yes
Over load protect indicator	Yes	Yes	Yes
Over thermal protect indicator	No	Yes	Yes
Dimension (L x W x H)	380x205x83mm	465x240x83mm	590x240x83mm
Net Weight	3.5kgs	6kgs	7.6kgs
Charging end voltage (V1)	12V: 14.4V,		24V:28.8V 12V: 13.7V, 24V:27.4V