

Item	FA-01001-000-000000-000	FA-01001-000-000000-001	FA-01001-000-000000-002	FA-01001-000-000000-003	FA-01001-000-000000-004	FA-01001-000-000000-005	FA-01001-000-000000-006	FA-01001-000-000000-007	FA-01001-000-000000-008	FA-01001-000-000000-009	FA-01001-000-000000-010
<b>CAPACITY</b>	1000mAh (typical)										
<b>INPUT</b>	120VAC ± 5% (50/60Hz)										
<b>Output Voltage</b>	1.1 ± 0.02VAC/400mA/450VAC (1.1V± 0.1)										
<b>Acceptable Voltage Range</b>	100VAC ~ 130VAC										
<b>Frequency</b>	50/60 Hz ± 0.5%										
<b>Output Voltage</b>	1.1V ± 0.02V										
<b>Conversion Type</b>	Step-down Buck (Synchronous)										
<b>Waveform</b>	Pulse Width Modulated										
<b>Output Voltage Stability</b>	Steady state: ±1% Transient state: ±1%										
<b>Frequency</b>	50 Hz or 60 Hz (Selectable)										
<b>Frequency Synchronization Range</b>	± 0.5 Hz (Based on typical working range)										
<b>Frequency Synchronization Speed</b>	1~2 Hz/s										
<b>Load Regulator</b>	LDO										
<b>Line Regulation (VR%</b>	±1% (Load: 100mA ~ 500mA)										
<b>Dynamic In-rush Voltage Range</b>	0V ~ 100% (50% load: 51% ~ 100% load: 61%)										
<b>Dynamic Recovery Time</b>	0V ~ 100% (Rd: 100ms) recover to 90% of nominal voltage										
<b>Phase Displacement</b>	100% (100%)										
<b>Transfer Time</b>	0.1ms										
<b>Overload Capability</b>	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute, 200% for 7 seconds										
<b>Short-circuit Capability</b>	100% for 1 second										
<b>Transient Response Time</b>	~ 10ms										
<b>EFFICIENCY</b>	85%~90%										
<b>Conversion Type</b>	Step-down Buck (Synchronous)										
<b>Input Voltage Range</b>	220VAC ± 5% (working range: ± 5%)										
<b>Overload Capability</b>	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute										
<b>Power Current Capability</b>	1 second (Rated x 2), 500 ms (Rated x 4), 200 ms (Rated x 10), 100 ms (Rated x 20), 100 ms (Rated x 10)										
<b>BATTERY &amp; CHARGER</b>											
<b>Rectifier</b>	Diode										
<b>Rated output voltage</b>	1.1V ± 0.02V										
<b>Charger voltage</b>	1.1V ± 0.02V (Adjustable)										
<b>Charging current (max)</b>	20A	24A	32A	40A	50A	60A	70A	80A	90A	100A	110A
<b>Features</b>	Support 12V/1A battery (400mAh/100mAh)										
<b>PHYSICAL</b>											
<b>Dimension, D x W x H (mm)</b>	65 x 60 x 100	70 x 60 x 100	80 x 60 x 100	85 x 60 x 100	90 x 60 x 100	100 x 60 x 100	110 x 60 x 100	120 x 60 x 100	130 x 60 x 100	140 x 60 x 100	150 x 60 x 100
<b>Net Weight (g)</b>	45g	50g	60g	65g	70g	80g	90g	100g	110g	120g	130g
<b>ENVIRONMENT</b>											
<b>Operating Temperature</b>	0~40°C (continuous working), -10°C (standing to 60% with lower load)										