

## Escape10

AC OUTPUT	ESCA1007-I21	ESCA1007-I54	ESCA1007-O54
Output Phase Configuration		1 Phase	
AC Output Voltage		240V	
AC Output Frequency		50Hz	
MAX Continuous AC Output Power		7.5kW	
MAX AC Surge Power 60s		13kW	
MAX Apparent AC Output Power		7.5kVA	
Fault Current		86A	
Power Factor Range		0.8 Lagging to 0.8 Leading	
Backup Mode		30ms	
Total Harmonic Distortion		<3%	
<b>AC INPUT</b>			
AC Input Type		Genset/Grid	
Nominal AC Input Voltage		240V	
AC Input Voltage Range		240V +/- 10%	
Input Phase Configuration		1 Phase	
Nominal AC Input Frequency		50Hz	
AC Input Frequency Range		50Hz +/- 10%	
MAX Continuous AC Input Power		15kW	
MAX Apparent AC Input Power		15kVA	
Surge Protection		Type II	
<b>BATTERY</b>			
Total Energy		38kWh	
Useable Energy 90% DOD		34.2kWh	
Useable Energy 80% DOD		30.4kWh	
Nominal DC Voltage		51.2V	
Battery Chemistry		LFP	
Battery Cell Type		Cylindrical	
<b>EFFICIENCY</b>			
DC to AC		96%	
AC to DC		96%	
AUX Power Consumption		100W	
<b>ENVIRONMENT</b>			
Operating Ambient Temperature Range		-6 to 56°C	
Nominal Ambient Temperature Range		15 to 30°C	
MAX Output Power Ambient Temperature Range		10 to 45°C	
Storage Temperature with Battery		0 to 35°C	
Storage Temperature without Battery		-10 to 60°C	
Humidity		95% – Non Condensation	



Specifications correct at time of publication and are subject to change. Refer to website for latest information.

	ESCA1007-I21	ESCA1007-I54	ESCA1007-O54
MAX Elevation	1500m		
Location	Indoor	Indoor	Outdoor
IP Rating	IP21	IP54	
Noise Level @1m	61dB	59dB	61dB
Cooling	Natural Convection	Fan Cooled	Fan Cooled
<b>MECHANICAL</b>			
Dimensions (H x W x D)	2050 x 800 x 800mm	2100 x 925 x 800mm	2160 x 925 x 900mm
Mounting Options	Floor	Floor	Floor
Weight with Max. Batteries	810kg	850kg	910kg
Weight without Batteries	380kg	420kg	480kg
Lifting Options	Caster Wheels	Forklift/Crane	Forklift/Crane
<b>MONITORING &amp; CONTROL</b>			
Connection Types	USB, Ethernet, RJ45		
Remote Monitoring	User/Installer/Admin		
Remote Configuration	Yes		
Communications	Modbus, SNMP, Remote API, VPN Tunneling, DRM, RS485		
VPP Ready	Yes		
3rd Party Control	Yes		
<b>COMPLIANCE</b>			
Emissions	EN61000-1/2/3/4		
Certification - Battery	IEC62619, AS62368, UN38.3		
Certification - Inverter	AS4777, IEC62109, IEC 62040		
<b>SERVICE</b>			
Field Serviceable	Yes		
Inverter Design	Transformer		
Battery Design	Modular		
<b>WARRANTY</b>			
Battery	10 Years		
Inverter	10 Years		
Communication Equipment	2 Years		
Switchgear/HVAC	2 years		
Enclosure	10 Years		
<b>CUSTOM CONFIGURATIONS</b>			
AC Input	1Phase / 3Phase		
AC Output	1Phase / 3Phase		
Communication Equipment	4g/5g/Satellite		
AC Coupled PV	2:1 Ratio		
AC Coupled PV Compatibility	Selectronic Certified Fronius/Fimer		
DC Coupled PV	Yes		
DC Coupled PV Compatibility	ESCA50		
Multi-Cabinet Solutions	Up to 3 Cabinets		
Harsh Environment Coating	Coastal, Sand/Dusty, Chemical		
Temperature Control	N/A	Air Conditioning	Air Conditioning

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