

# Escape30

AC INPUT/OUTPUT	ESCA3030-I21		ESCA3030-I54		ESCA3030-O54	
Output Phase Configuration			3-Phase			
AC Output Voltage			400V			
AC Output Frequency			50Hz			
MAX Continuous AC Output Power			29.7kW			
MAX Surge AC Output Power			29.7kW			
MAX Apparent AC Output Power			29.7kVA			
Power Factor Range			0.8 Lagging to 0.8 Leading			
EPS Mode			<10sec			
Total Harmonic Distortion			<5%			
Surge Protection			Type II			
<b>BATTERY</b>						
Total Energy			53.2kWh			
Useable Energy 90% DOD			47.88kWh			
Useable Energy 80% DOD			42.56kWh			
Nominal DC Voltage			51.2V			
Battery Chemistry			LFP			
Battery Cell Type			Cylindrical			
<b>EFFICIENCY</b>						
DC to AC			96.50%			
AC to DC			96.50%			
<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			
MAX Elevation			1500m			
Location	Indoor		Indoor		Outdoor	
IP Rating	IP21		IP54		IP54	
Noise Level @1m	54.5 dB		52 dB		61dB	
Cooling	Natural Convection		Air Conditioning		Air Conditioning	
<b>MECHANICAL</b>						
Dimensions (H x W x D)	2050 x 600 x 800mm		2100 x 600 x 800mm		2160 x 800 x 925mm	
Mounting Options	Floor		Floor		Floor	
Weight with Batteries	1000kg		1050kg		1100kg	
Weight without Batteries	398kg		448kg		498kg	
Lifting Options	Caster Wheels		Forklift/Crane		Forklift/Crane	



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

MONITORING & CONTROL	ESCA3030-I21	ESCA3030-I54	ESCA3030-O54
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, IEC60950	
Network Compliance		Flexible & Dynamic Export Limiting Enabled	
<b>SERVICE</b>			
Field Serviceable		Yes	
Inverter Design		Modular Hot Swapable	
Battery Design		Modular	
<b>WARRANTY</b>			
Battery		10 years	
Inverter		5 Years	
Communication Equipment		2 years	
Switchgear/HVAC		2 years	
Enclosure		10 Years	
<b>CUSTOM CONFIGURATIONS</b>			
Communication Equipment		4g/5g/Satellite	
DC Coupled PV		Yes	
DC Coupled PV Compatibility		ESCA50	
Multi-Cabinet Solutions		Up to 4 Cabinets	
Harsh Environment Coating		Coastal, Sand/Dusty, Chemical	

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