

AC INPUT	ESCA6024-100-000	ESCA6036-100-000	ESCA6024-610-000	ESCA6036-610-000
AC Input Voltage	240V +/- 20% 480V +/- 20%	240V +/- 20% 400V +/- 20% 480V +/- 20%	240V +/- 20% 480V +/- 20%	240V +/- 20% 400V +/- 20% 480V +/- 20%
AC Input Frequency	45-65Hz			
MAX AC Input Current	124A 1-Phase 62A 2-Phase	186A 1-Phase 93A 2-Phase 62A 3-Phase	124A 1-Phase 62A 2-Phase	186A 1-Phase 93A 2-Phase 62A 3-Phase
Total Harmonic Distortion	<5%			
Surge Protection	Type II			
DC OUTPUT				
Output Power	24kW	36kW	24kW	36kW
Output Current	500A	750A	500A	750A
Output Voltage Range	42Vdc to 58Vdc			
BATTERY				
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			
EFFICIENCY				
AC to DC	95%			
Power Factor	>0.98 at 50% to 100% load			
ENVIRONMENT				
Operating Ambient Temperature Range	-6 to 56°C			
Nominal Ambient Temperature Range	15 to 30°C			
MAX Output Power Ambient Temperature Range	10 to 55°C			
Storage Temperature with Battery	0 to 35°C			
Storage Temperature without Battery	-10 to 60°C			
Humidity	95%			
MAX Elevation	1500m			
Location	Indoor		Outdoor	
IP Rating	IP21		IP54	
Noise Level @1m	60dB @ 1 Meter		70dB @ 1 Meter	
Cooling	Natural Convection		Air Conditioning	

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

MECHANICAL

Dimensions (H x W x D)	2050x600x800		2160x800x925	
Mounting Options	Floor			
Weight	950kg	970kg	1050kg	1070kg
Lifting Options	Caster Wheels		Forklift/Crane	

MONITORING AND CONTROL

Connection Types	USB, Ethernet, CAN			
Remote Monitoring	User/Installer/Admin			
Remote Configuration	Yes			
Communications	Modbus TCP/IP SNMP, email SMTP			
3rd Party Control	Yes			

COMPLIANCE

Grid Connection	Australia			
Emissions	EN61000-3/4/6			
Certification - Battery	IEC62619, AS62368, UN38.3			
Certification - Rectifier	IEC62368			

SERVICE

Field Serviceable	Yes			
Rectifier Design	Modular Hot Swapable			
Battery Design	Modular Hot Swapable			

WARRANTY

Battery	10 Years			
Rectifier	2 Years			
Communication Equipment	5 Years			
Switchgear/HVAC	2 Years			
Enclosure	10 Years			

COMPATIBILITY

PPE Products	Escape20, Escape10			
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CUSTOM OPTIONS

Multi-Cabinet Solutions	No Limit			
Optional Harsh Environment Coating	Coastal, Sand/Dusty, Chemical			
AC Input	1PH/2PH/3PH/Split Phase			