Operational and Environmental Benefits

Signficant Cost Savings
Lower all-inclusive OPEX[1] and lower total cost of ownership

Software Updates
New features delivered through software updates, unlocking performance enhancements and new functionality

Internet Connected, 24x7
Connect to the Enernet IoT platform, anywhere and anytime

Built in Reliability and Productivity
A fully modular system architecture for built-in redundancy and ease of serviceability. Dramatically lowering downtime for maintanance and refuelling

A Flexible Future
Reduce or emilinate the need for a fuel tanker for improved traffic managemement and placement flexibility

Rugged and Robust
Heavy-duty, able to withstand extreme weather conditions and dusty environments

Ultra Quiet Operation
30x quieter than a generator of equivalent size, enabling operations during noise sensitive periods

Reduced Air Pollution
Zero direct NOx, PM2.5 & SO_2 fumes, resulting in a healthier environment

Reduce Carbon Footprint
90%+ reduction in carbon footprint[2] due to diesel displacement

Safer Working Enviroment
Reduced diesel fire hazards and handling risks (e.g. spillage) and reducing health and safety risks to site staff

info@spiderplus.ae

Tel: +971 4 881 7775 | KSA: +966 592978697

SPIDER PLUS

Data Sheet

			Units	M+	L+
System Output[1]	Overload Power (<1 minute)	PF 1	kW / KVA	235 / 235	470 / 470
		PF 0.8	kW / KVA	235 / 293	420 / 525
	Overload Current (<1 minute) @ 380V / 400V / 415V	PF 1	A	357 / 339 / 326	714 / 678 / 653
		PF 0.8	A	445 / 422 / 407	797 / 757 / 730
	Nominal Power	PF 1	kW / KVA	213 / 213	427 / 427
		PF 0.8	kW / KVA	213 / 266	350 / 437
	Nominal Current @ 380V / 400V / 415V	PF 1	A	323 / 307 / 296	648 / 616 / 594
		PF 0.8	A	404 / 383 / 370	663 / 630 / 607
Voltage Range			VAC	380 – 415 (3Ph + N + PE)	
Frequency			Hz	50 / 60	
Maximum Input Current			A	90	
Energy Storage	Capacity		kWh	225	449
	Subsystem Chemistry		----------	LFP (lithium iron phosphate)	
System Architecture	Connectivity		----------	Cellular 4G	
	Ingress Protection		----------	IP45	
	Dimensions (LxWxH) Without HVAC Dimensions (LxWxH) With HVAC		mm	3048 x 2438 x 2591 3151 x 2438 x 2591	
	Minimum clearance		mm	915	
	Weight		Tonnes	7.8	9.6
	Fire Suppression		----------	Aerosol type	
	Thermal Management		----------	Industrial, recirculating HVAC cooling and heating	
	Refrigerant Type		----------	R134a	
Ambient Temperature Operating Range			°C	0 to +45	
Codes and Standards			UN38.3 **PCS:** EN 62477-1, IEC62109-1 and 2, AS62040-1, AS/NZS4777.2, EN61000-6-2 and EN61000-6-4 (EMC) **Batteries:** IEC62619/60730 Annex H **Charger:** LVD 2014/35/EU, IEC61851-1/61851.23, EN IEC 61851-21-2 (EMC) **HVAC:** EN60335-1/60335-2-40, EN61000-6-2/61000-6-4 (EMC)			

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