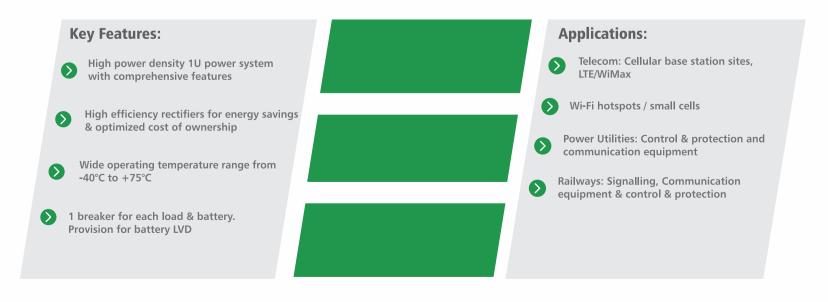


## 48V/6kW Telecom power system Flexibility for multi use environment



Our modular 1U 6kW power system comes as a standard 19" mountable subsystem which can be easily integrated in indoor or outdoor cabinets providing maximum space for customer's revenue generating equipment. Optimized M1000 controller platform is used in such solutions that gives customers the similar level of control and features as large complex systems. Optional inverter can be added to support AC applications. Combination of high efficiency, reliability and power density of serenity rectifiers used in these systems provide unparalleled network uptime and low TCO.



## **48V/6kW Power system - Technical Specifications**



AC Input	AC input voltage	Single phase: 1L+N+PE; 90-300Vac (L-N), 220Vac (nominal)
	Input frequency	45 to 66Hz
	Input termination	TB's for line & neutral + Stud for earth
DC Output	Maximum power	6kW
	Output voltage	42 to 58Vdc (54Vdc Nominal)
	Output current	Max. 125A @ 48Vdc
Battery & load Distribution	Battery LVD, Termination	100A default, copper bus bar
	DIN mounted breakers	Configurable upto 2 battery & load breakers (18mm size)
	Common positive termination	Copper bus bar (rear access)
Other Specifications	Controller options	M1000-H controller platform
	Local operation	Self-explanatory menu guided operation via joystick & TFT
	Remote operation	Ethernet for remote/local monitoring and control via WEB browser
	PFC inputs / digital inputs	2 opto isolated digital inputs
	PFC outputs / digital outputs	2 NO/NC relay outputs
	Battery compatibility	VRLA/Li-Ion
	Operating temperature	-40°C to +45°C (nominal)
		45°C to +75°C (derated performance)
	Storage temperature	-40°C to +85°C
	Mounting	19" rack mount sub rack
	Dimensions (w x h x d)	482 x 44 x 386 mm
	Degree of protection	IP 20
	Applicable standards	EN 60950-1, EN 55022 (Class B), EN 55024, EN 300019-1-1/2/3, ROHS complied
Ordering Info		Power system: HE500042 Rectifier 3kW: HE512865 (max. 2 per system)

Specifications are subject to change without notice

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