

## Inverter

### ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM

Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform.

- Quick and easy single person installation
- Interconnects with standard household
- 10 years standard warranty
- Modular design promotes redundancy
- Full high voltage protection
- Whole system safety tested and certified by Dekra Germany



[www.scavolt.com](http://www.scavolt.com)



[contact@scavolt.com](mailto:contact@scavolt.com)



Scavolt P.S.A  
TRITUM Business Park  
Al. Zwycięstwa 241 / 13  
81-521 Gdynia, Poland  
VAT/NIP: PL5842830934

## General Data

Dimension (W*H*D)	548*444*184 mm
Weight	27 kg
Operating temperature range	-25°C to 60°C
Degree of protection	IP 65
Cooling concept	Natural convection
Topology	Transformerless
Display	LCD
Humidity	0-95%, no condensation
Communication	CPRS/WiFi (Optional)
BMS communication	CAN/RS485
Meter communication	R485



## DC Data

	EPH4KTL	EPH5KTL	EPH6KTL	EPH7KTL	EPH10KTL	EPH12KTL
Max DC power	5500 W	6500 W	7500 W	9500 W	11500 W	13200 W
Max DC voltage	1000 Vd.c.					
MPPT voltage range	200...850 Vd.c.					
Max input current/ per string	13Ax2					
Number of MPP trackers	2					
Number of input string	2					
Battery Type	Li-Ion					
Battery voltage range	180-700V					
Maximum charge/discharge current	25/25A					
Charge strategy for Li-Ion Battery	Self-adaptation to BMS					

## AC Data

	EPH4KTL	EPH5KTL	EPH6KTL	EPH7KTL	EPH10KTL	EPH12KTL
AC nomina power	4000 VA	5000 VA	6000 VA	8000 VA	10000 VA	12000 VA
Max AC apparent power	5000 VA	5500 VA	7000 VA	8800 VA	11000 VA	13200 VA
Max output current	8 A	10 A	12 A	15 A	17 A	20 A
Nomina AC output	50/60 Hz; 4000/350					
AC output range	45/55 Hz; 280~490 Vac (Adj)					
Power factor	0.8 leading...0.8 laging					
Harmonics factor	<3%					
Grid type	3W/N/PE					
Three-phase unbalance output	0~100%	0~100%	0~100%	0~100%	0~100%	0~80%

