

# MT100, MT340, MT650

## Micro-Hydro Turbines



- Maintenance-free brushless generator
- Suitable for drinking water
- 12V or 24V output voltage available
- High efficiency through perfect match of turbine and generator
- Heavy-duty design, long life span
- Easy to install, no adjustments necessary
- Suitable for PV hybrid systems
- Perfect battery charging in combination with a rectifier and Phocos PL controllers

This portable micro-hydro turbines are equipped with a high efficiency permanently excited low-voltage generator with an external rectifier for charging batteries.

The MT turbines can be used in locations where a water flow of three liters per second with a minimum head of 6 meters is available. Due to a special generator design a very high overall efficiency can be obtained.

TYPE	MT100	MT340	MT650
Nominal voltage	12 or 24V	12 or 24V	12 or 24V
Nominal power	100W	340W	650W
Minimum head for nominal power	6m	13m	20m
Minimum flow	3liter/sec	4.3liter/sec	5.4liter/sec
Dimensions (hxd)	28x35cm	32x35cm	45x48cm
Weight	10kg	14kg	29kg
Connection	1 to 3x1 inch Bayonets	1 to 3x1 inch Bayonets	1 to 3x1 inch Bayonets
Pipe size	5/4inch	5/4inch	5/4inch

Phocos AG, Germany  
info@phocos.com

Phocos China Ltd., China  
Info-china@phocos.com

Phocos India Solar Pvt. Ltd., India  
Info-india@phocos.com

Phocos Latin America S.R.L, Bolivia  
Info-latinamerica@phocos.com

Phocos Rep. Office Australia, Australia  
Info-australia@phocos.com

Phocos Rep. Office Brazil, Brazil  
Info-brazil@phocos.com

Phocos Rep. Office Eastern Africa, Kenya  
Info-easternafrica@phocos.com

Phocos Eastern Europe S.R.L., Romania  
Info-easterneurope@phocos.com

Phocos SEA Pte Ltd, Singapore  
Info-sea@phocos.com

Phocos Rep. Office South Africa  
Info-sadc@phocos.com

Phocos Tunisia  
Info-maghreb@phocos.com

Phocos USA  
Info-usa@phocos.com